図解 アトリエ・ワン
GRAPHIC ANATOMY ATELIER BOW-WOW

PREFACE

In some occupations, such as botanist or anatomist, the ability to make illustrations is a necessary skill. They produce diagrams of plants and human bodies that are scientific works, not so-called artworks. Instead, their technique is restricted so that individual personality is suppressed. This clears the way for anyone, from anywhere, to contribute to the enrichment of our knowledge of natural history.

Although these illustrations have a photograph-like realism, they attract our interest in a way that is unlike photography. Elements are depicted by their outlines, and inscribed within these outlines are the nuanced hues of watercolors and sometimes lettering. The thoroughness of their technique produces drawings with an astonishing level of detail, and the diversity of the objects being studied comes to the fore. Being able to distinguish each detail in an illustration is evidence that people have seen them, and is at the same time evidence that these objects guide the human eye.

Through the liberation from subjectivity and the earnestness of observation in such illustrations, the point of this book is to catalog houses designed by Atelier Bow-Wow. Previously, Atelier Bow-Wow have also made illustrated collections of Tokyo's anonymous, tiny pet architecture and hybrid, junky architecture, but now they have used their skills to give house illustrations a spatial depth, based on drawings such as plan details and section details. If they were photographs, probably a great many would be necessary, but contained within a single picture is the composition of rooms and components, the adjacent exterior environments, actions and locations, and the relationships between objects. This provides the appearance of multiple intentions fraught with contradiction and confrontation, organically linked through the medium of specific architectural elements, as well as producing the appearance of unexpected phenomena of light and daily life, in response to the physical constraints on each individual house. Without disregarding the places and people that comprise the initial conditions for each house, these are all the "practice of lively space." Architecture that opens its eyes and strains its ears to this diversity of spatial practice, encouraging and assisting it; this is the rediscovery of architecture itself. That is where the aims of Atelier Bow-Wow lie.

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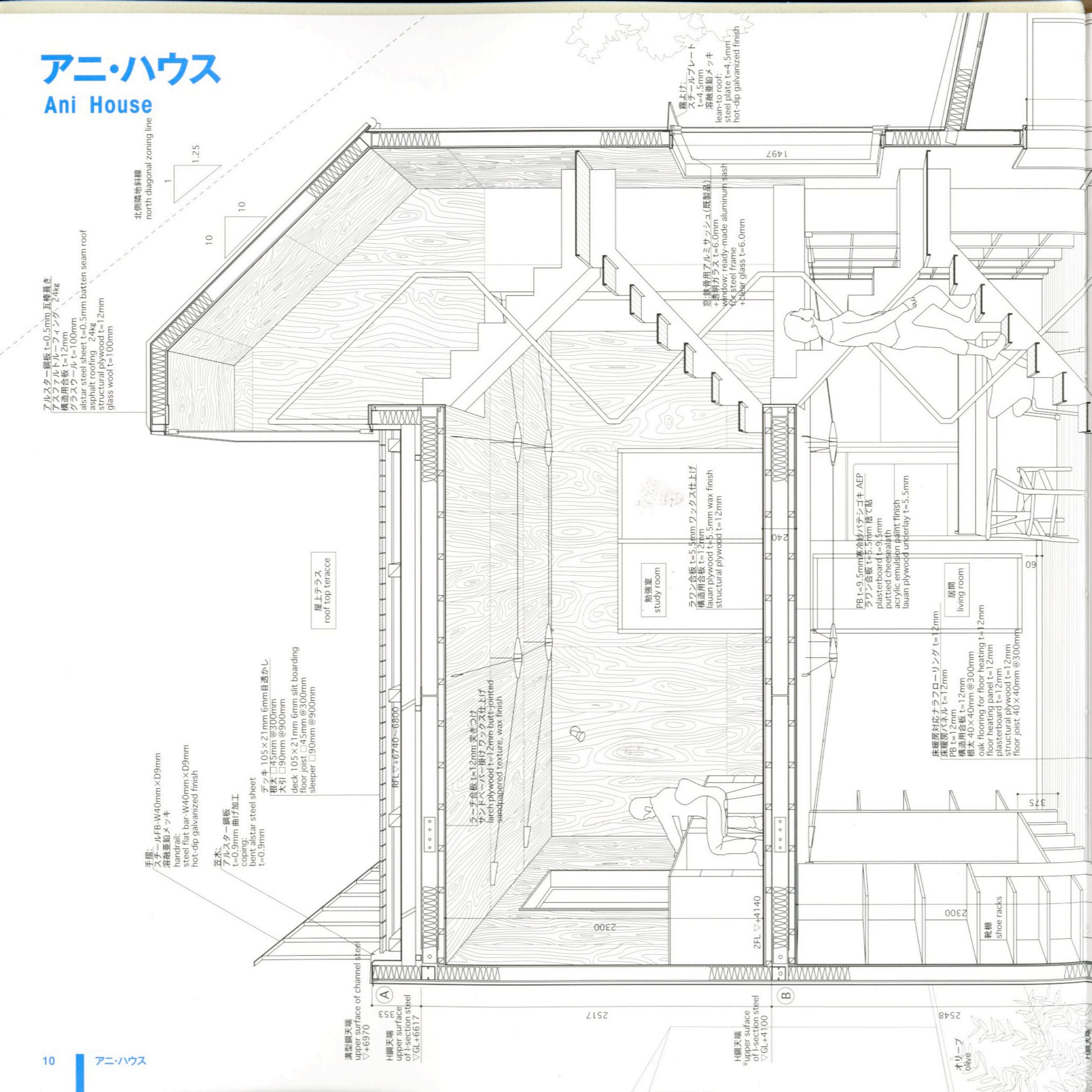
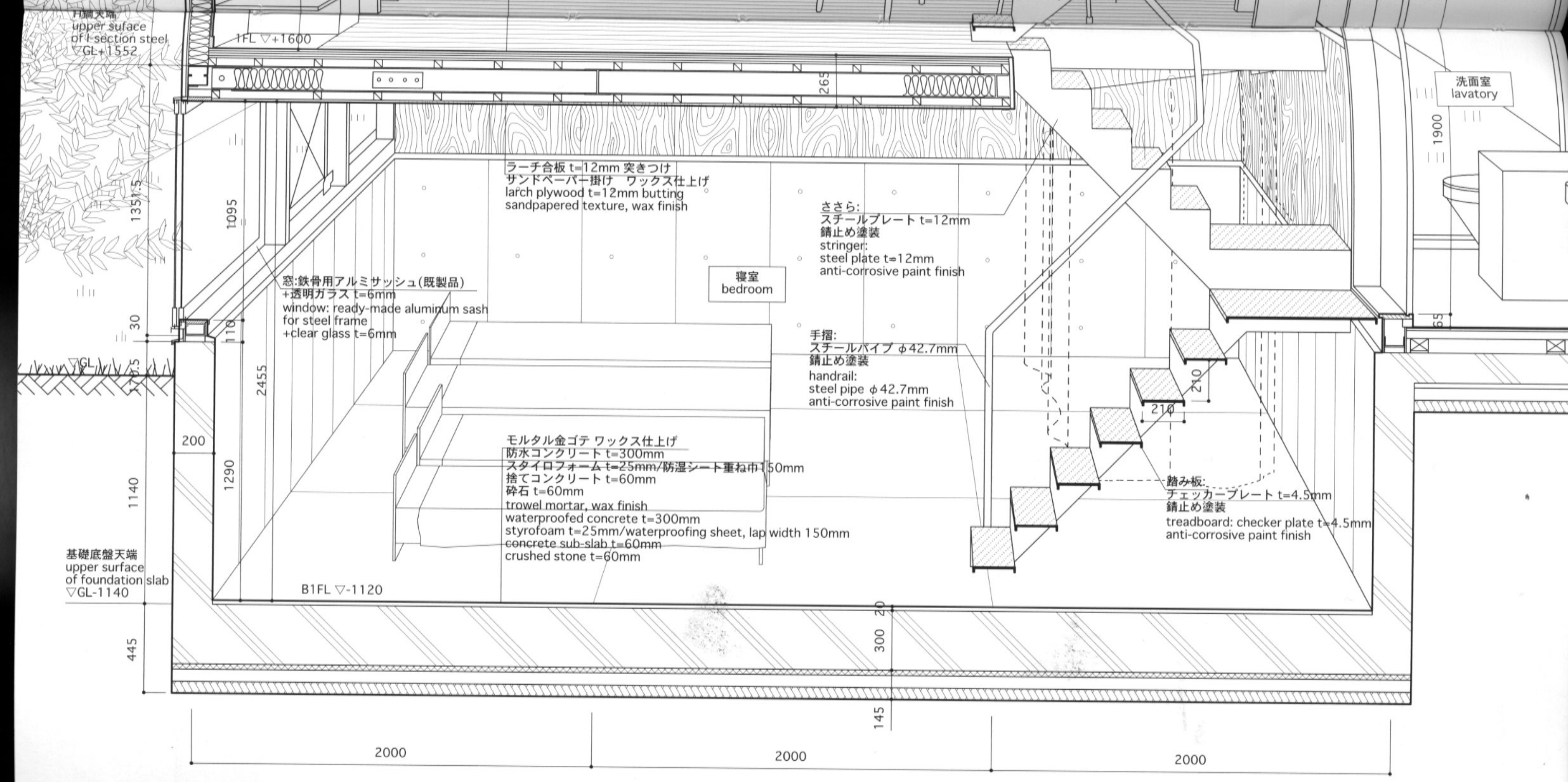
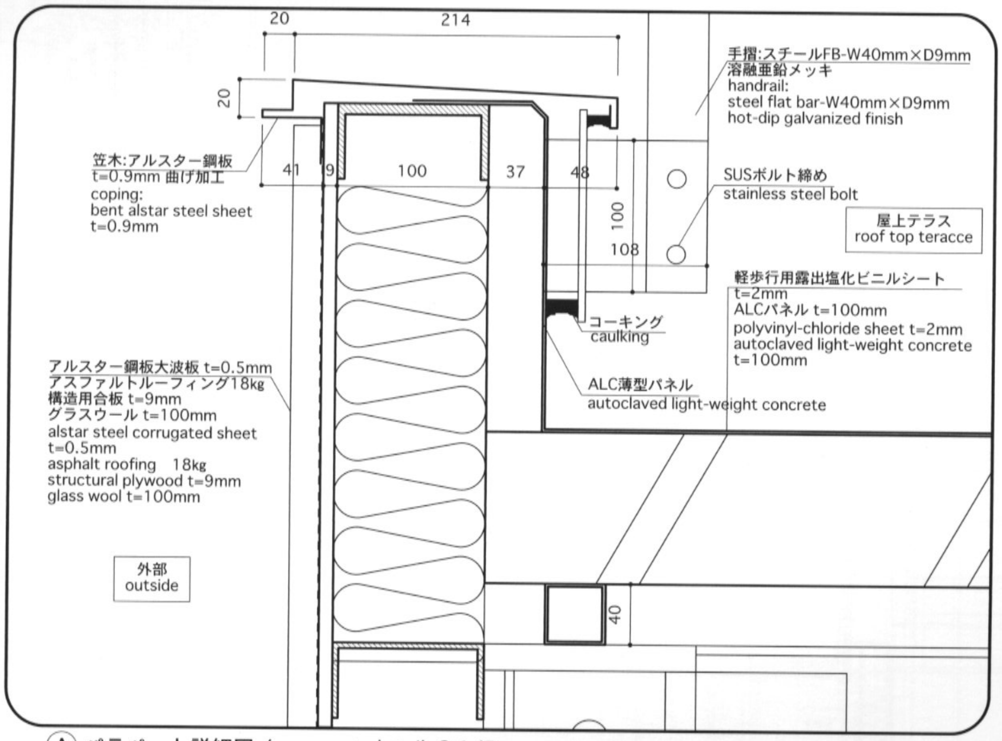
図解 アトリエ・ワン
GRAPHIC ANATOMY ATELIER BOW-WOW

アニ・ハウス
Ani House

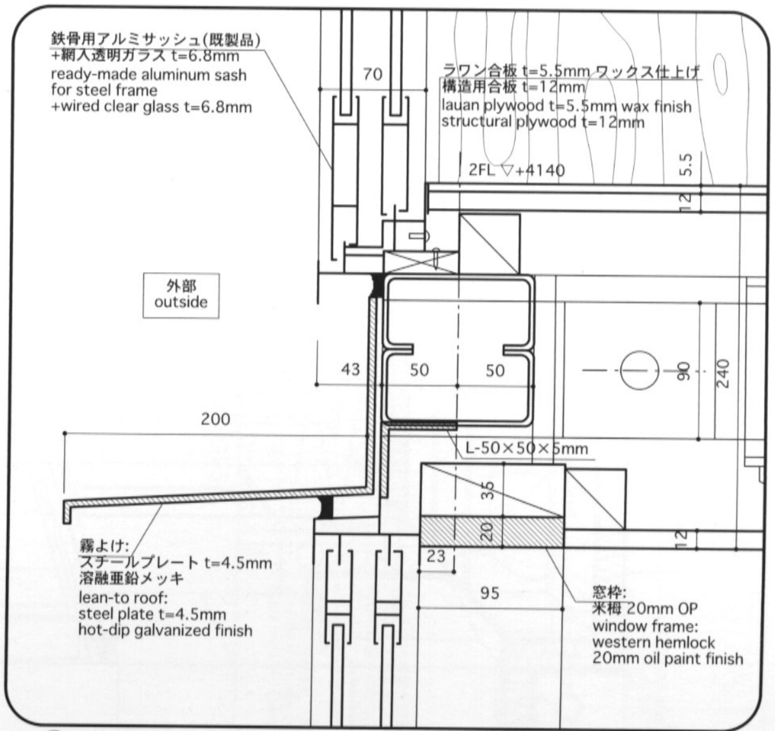

霧よけ: スチールプレート t=4.5mm 溶融亜鉛メッキ
lean-to roof: steel plate t=4.5mm hot-dip galvanized finish
1497
北側隣地斜線
north diagonal zoning line
1.25
1
10
10
アルスター鋼板 t=0.5mm 瓦棒葺き
アスファルトルーフィング 24kg
構造用合板 t=12mm
グラスウール t=100mm
alstar steel sheet t=0.5mm batten seam roof
asphalt roofing 24kg
structural plywood t=12mm
glass wool t=100mm
窓:鉄骨用アルミサッシュ(既製品) +透明ガラス t=6.0mm
window: ready-made aluminum sash for steel frame +clear glass t=6.0mm
ラワン合板 t=5.5mm ワックス仕上げ
構造用合板 t=12mm
lauan plywood t=5.5mm wax finish
structural plywood t=12mm
勉強室
study room
240
PB t=9.5mm寒冷紗パテシゴキ AEP
ラワン合板 t=5.5mm 捨て貼
plasterboard t=9.5mm
puttied cheesecloth
acrylic emulsion paint finish
lauan plywood underlay t=5.5mm
60
居間
living room
屋上テラス
roof top teracce
デッキ 105×21mm 6mm目透かし
根太 □45mm @300mm
大引 □90mm @900mm
deck 105×21mm 6mm slit boarding
floor joist □45mm @300mm
sleeper □90mm @900mm
RFL ▽+6740~6800
ラーチ合板 t=12mm 突きつけ サンドペーパー掛け ワックス仕上げ
larch plywood t=12mm butt-jointed
sandpapered texture, wax finish
床暖房対応ナラフローリング t=12mm
床暖房パネル t=12mm
PB t=12mm
構造用合板 t=12mm
根太 40×40mm @300mm
oak flooring for floor heating t=12mm
floor heating panel t=12mm
plasterboard t=12mm
structural plywood t=12mm
floor joist 40×40mm @300mm
375
手摺:
スチールFB-W40mm×D9mm
溶融亜鉛メッキ
handrail:
steel flat bar-W40mm×D9mm
hot-dip galvanized finish
笠木:
アルスター鋼板
t=0.9mm 曲げ加工
coping:
bent alstar steel sheet
t=0.9mm
2300
2FL ▽+4140
2300
靴棚
shoe racks
A
B
溝型鋼天端
upper surface of channel steel
▽+6970
H鋼天端
upper surface of I-section steel
▽GL+6617
353
2517
H鋼天端
upper surface of I-section steel
▽GL+4100
2548
オリーブ
olive



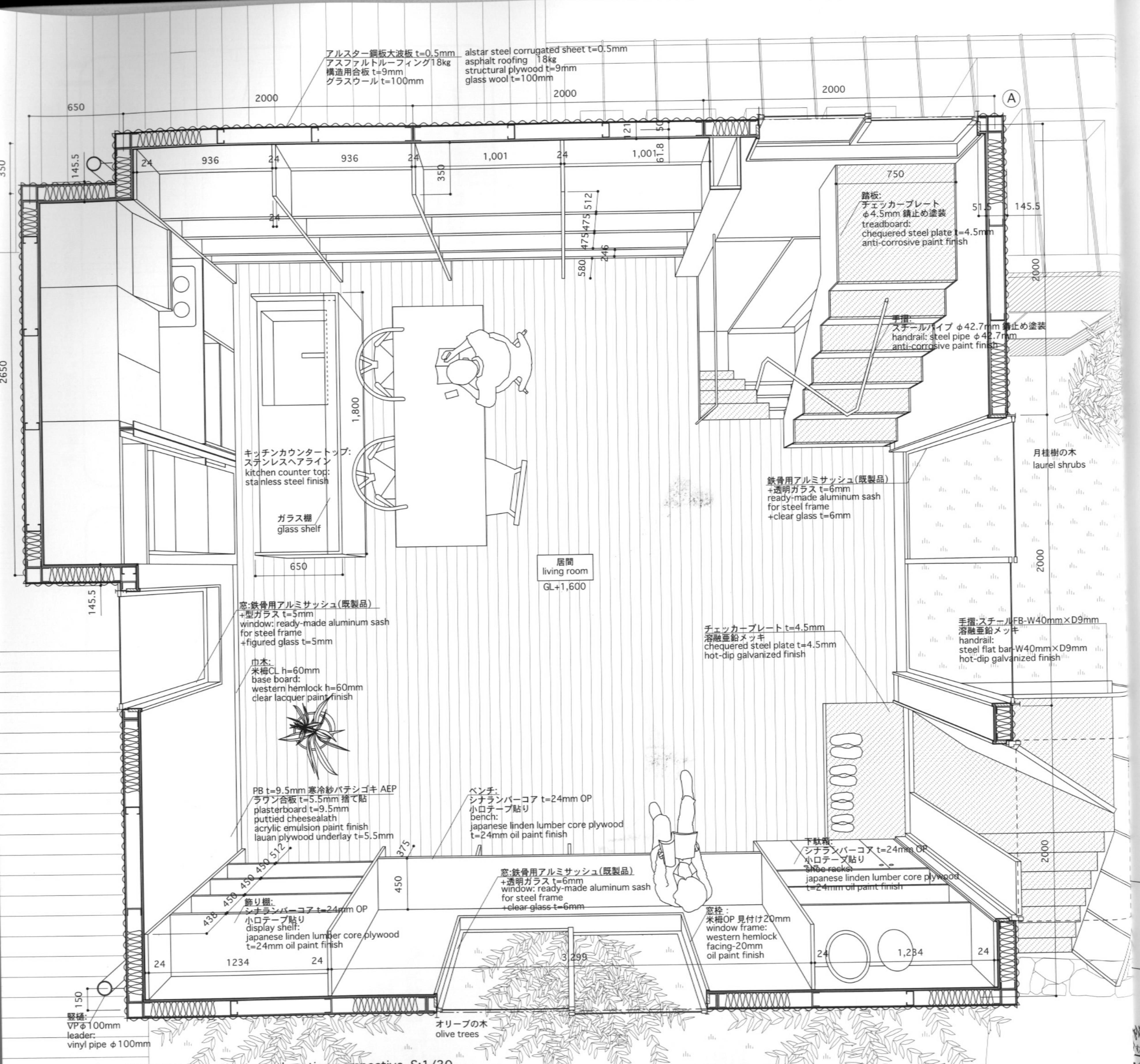
断面詳細パース / vertical section perspective S:1/30



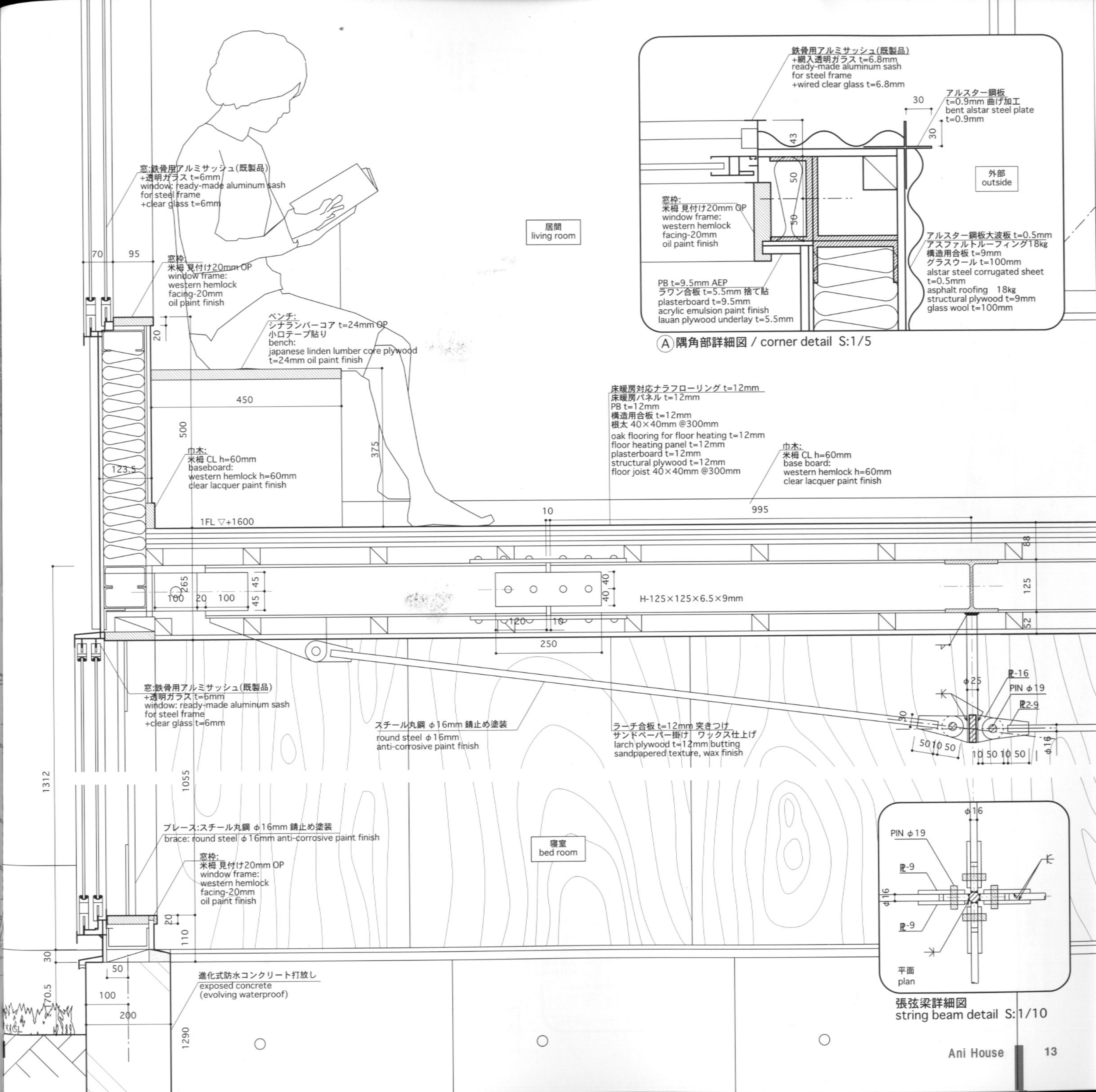
Ⓐ パラペット詳細図 / parapet detail S:1/5



Ⓑ 開口部詳細図 / window detail S:1/5



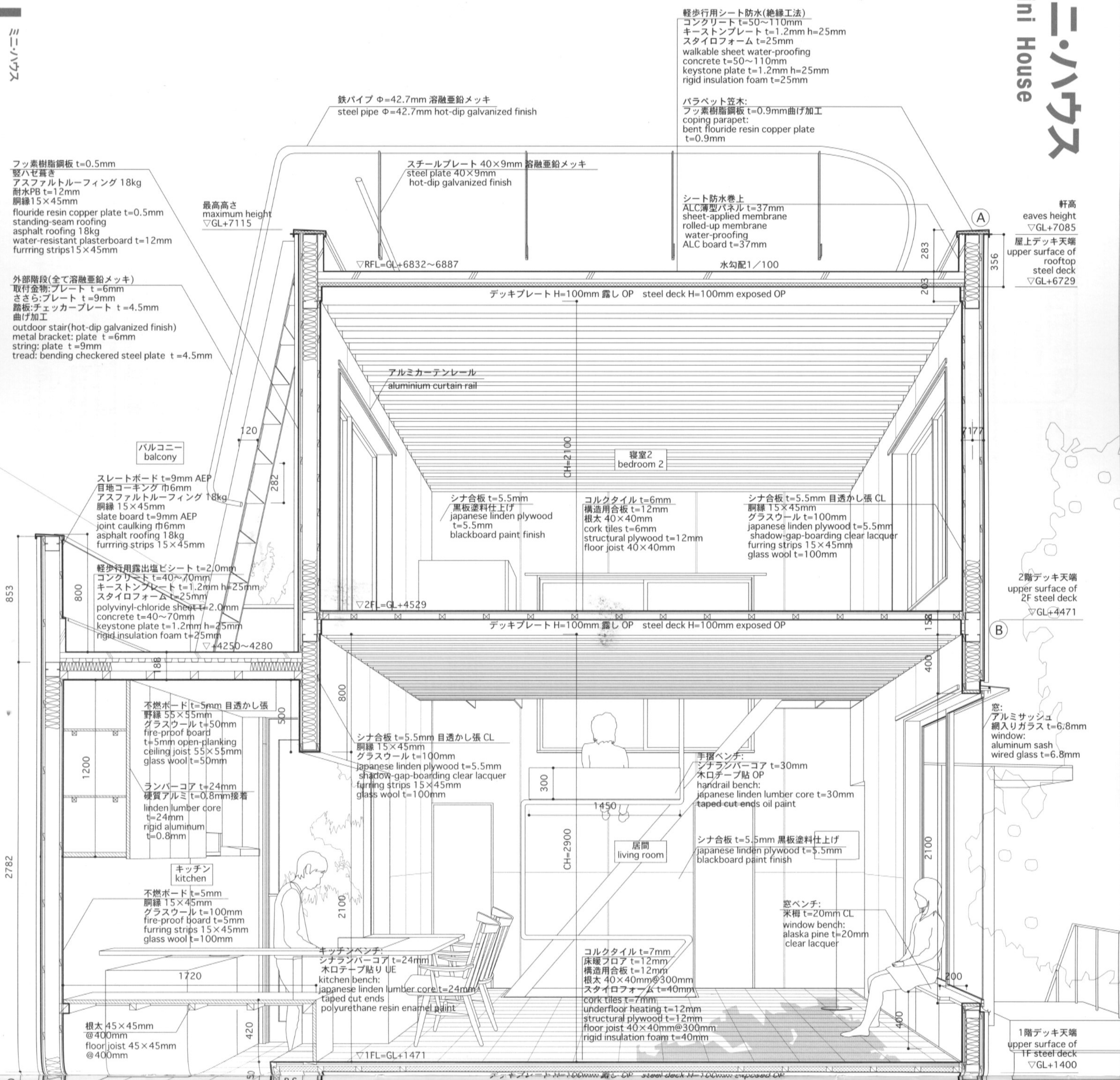
平面詳細パース / horizontal section perspective S:1/30

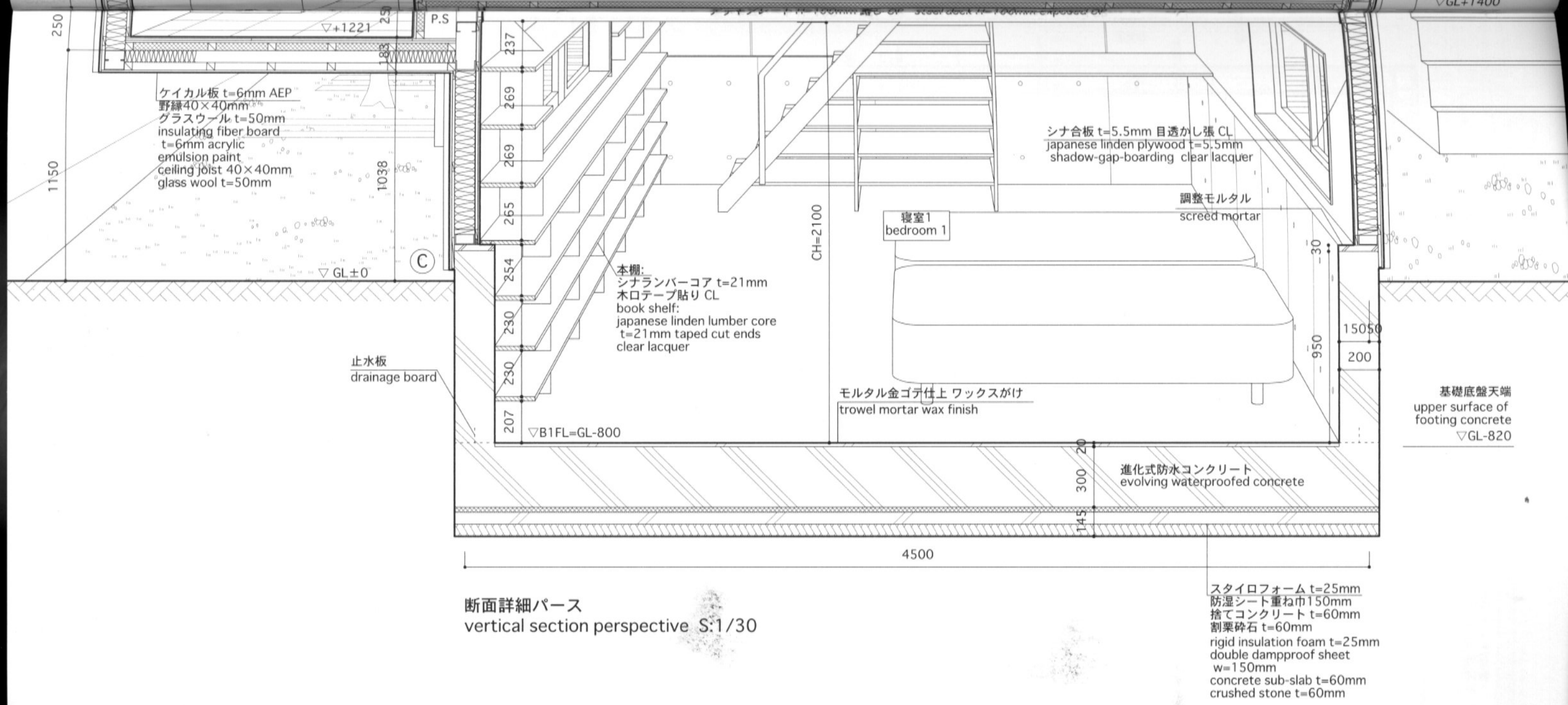


Ⓐ 隅角部詳細図 / corner detail S:1/5

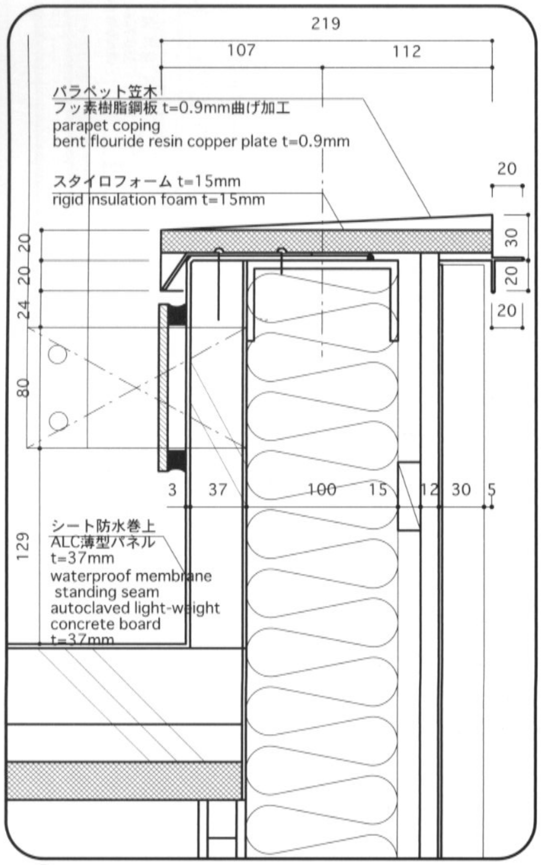
張弦梁詳細図
string beam detail S:1/10

ミニ・ハウス
Mini House

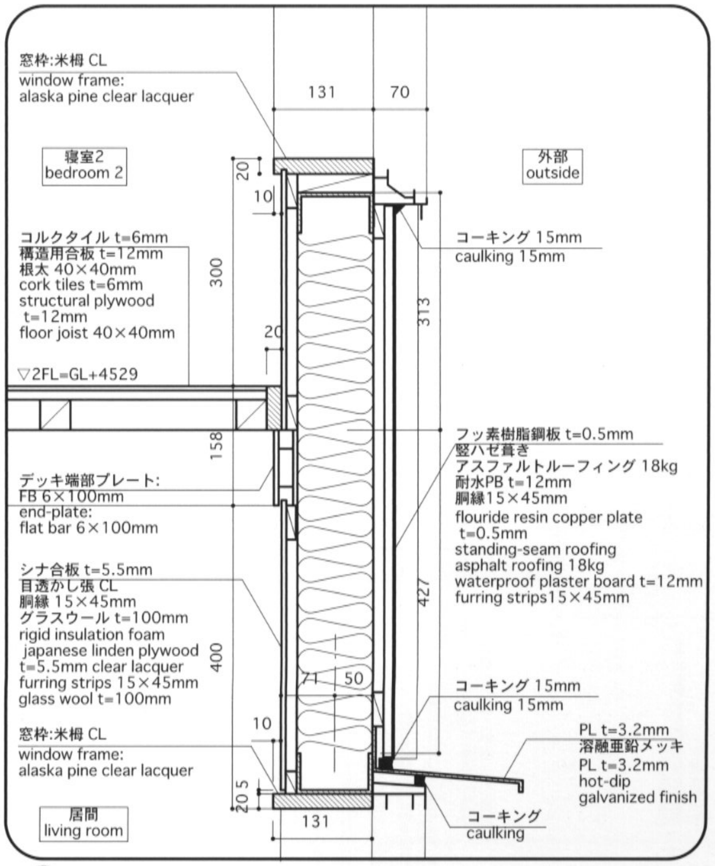




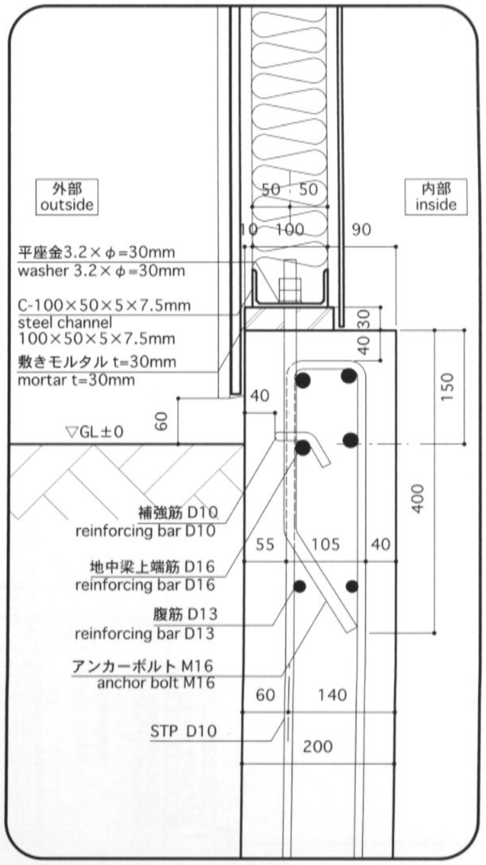
断面詳細パース
vertical section perspective S:1/30



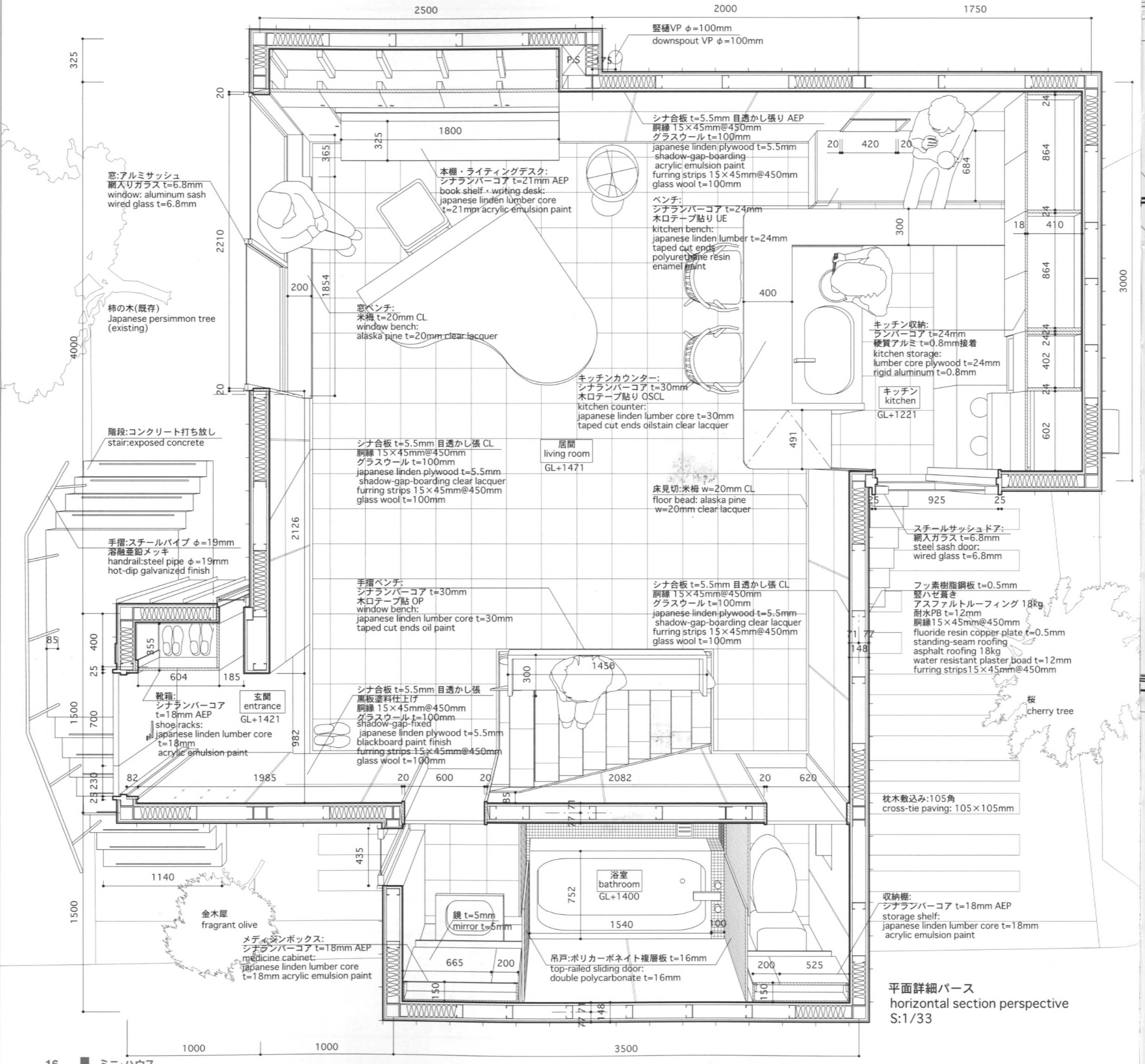
Ⓐ パラペット詳細図
parapet detail S:1/5



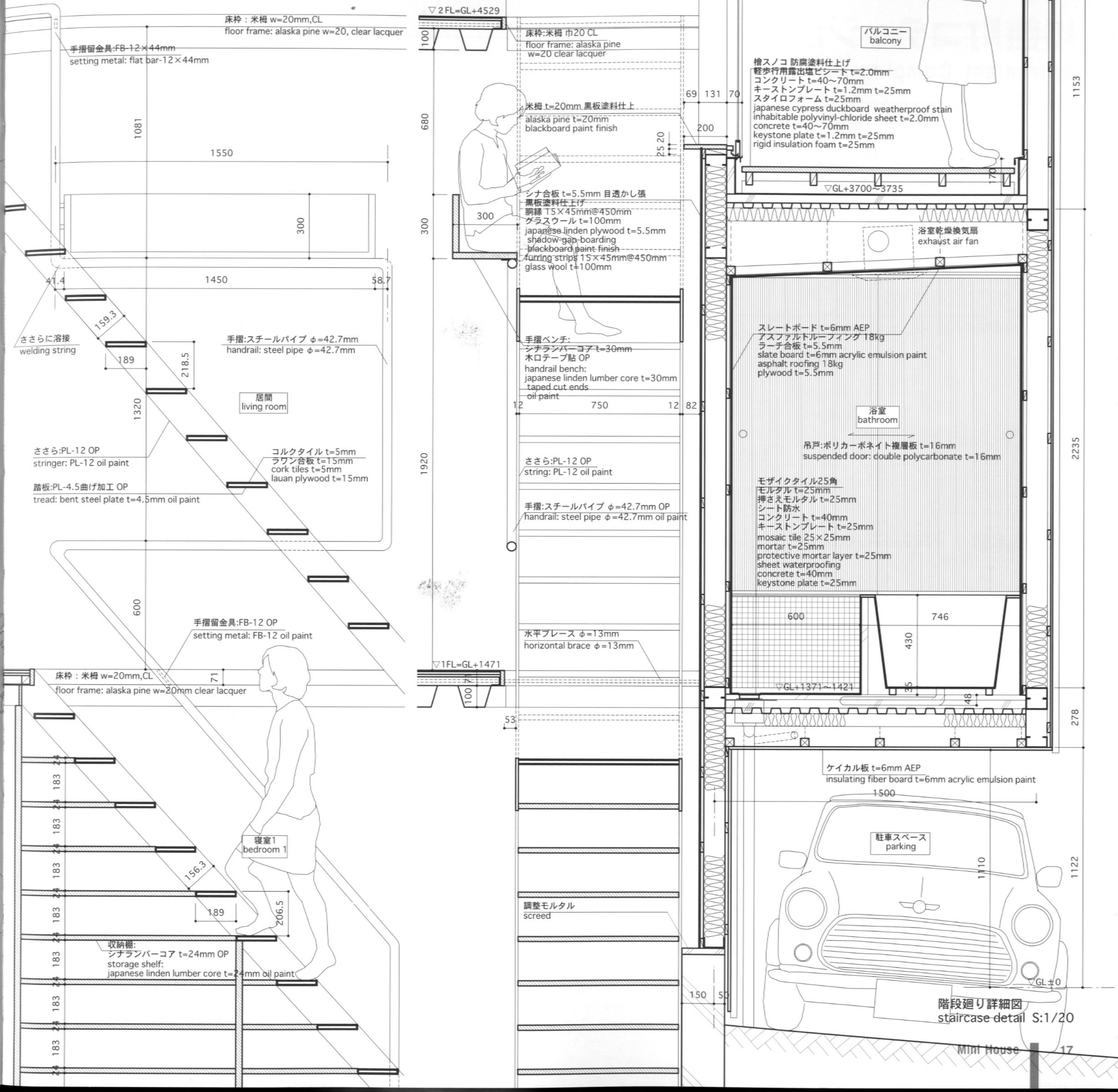
Ⓑ 床仕口詳細図
slab connection detail S:1/10



Ⓒ アンカーボルト詳細図
anchor bolt detail S:1/10

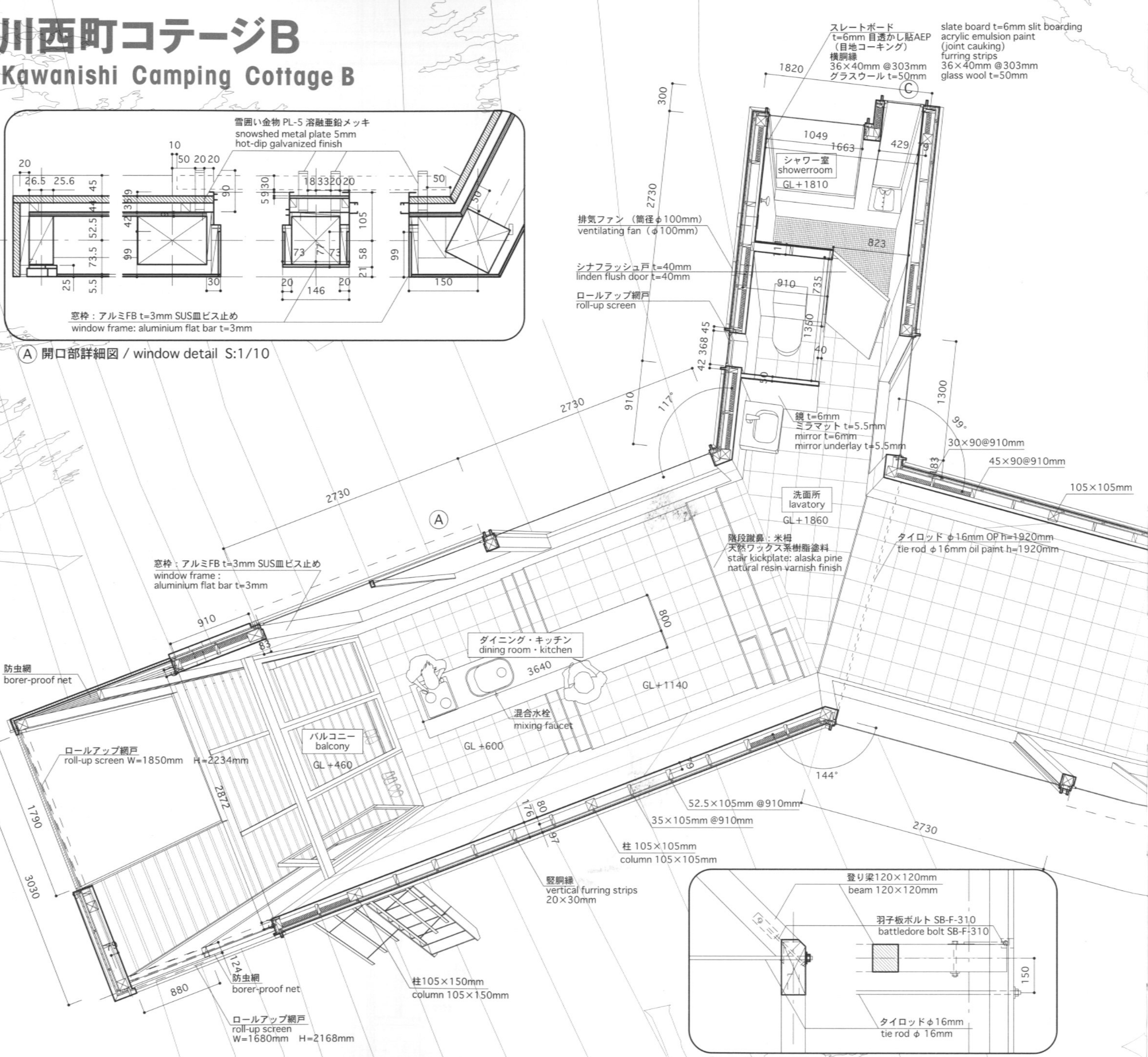


平面詳細パース
horizontal section perspective
S:1/33



階段廻り詳細図
staircase detail S:1/20

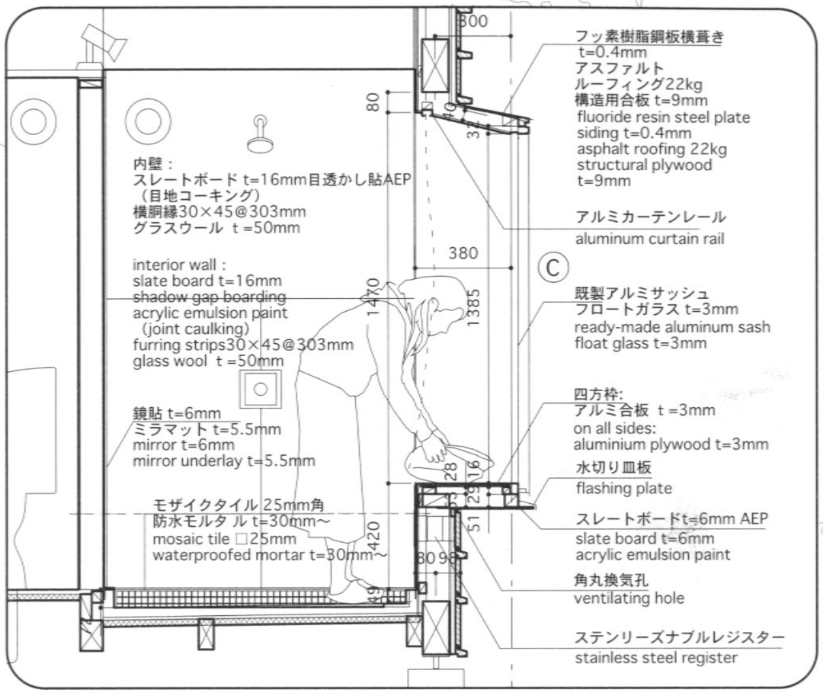
川西町コテージB
Kawanishi Camping Cottage B



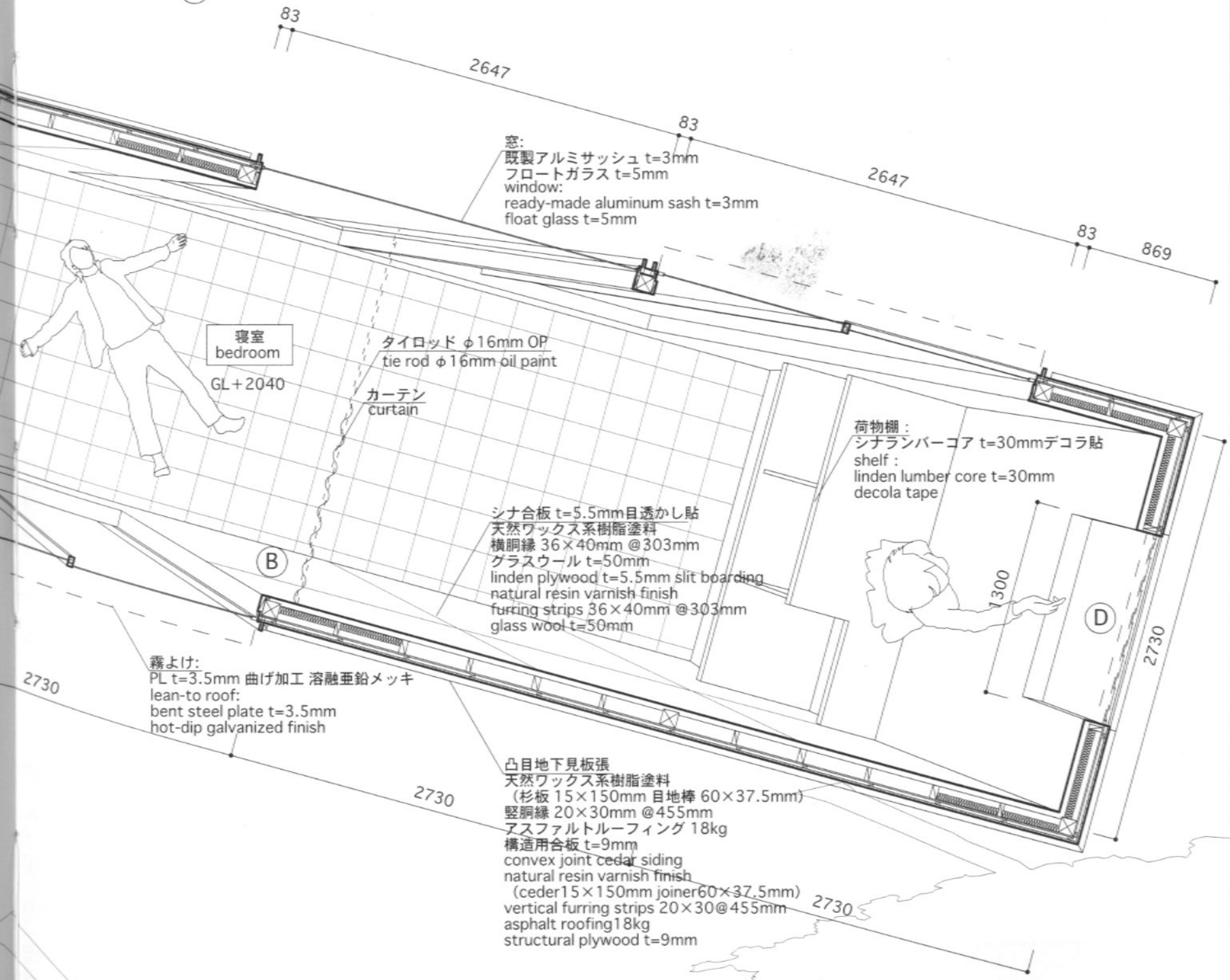
Ⓐ 開口部詳細図 / window detail S:1/10

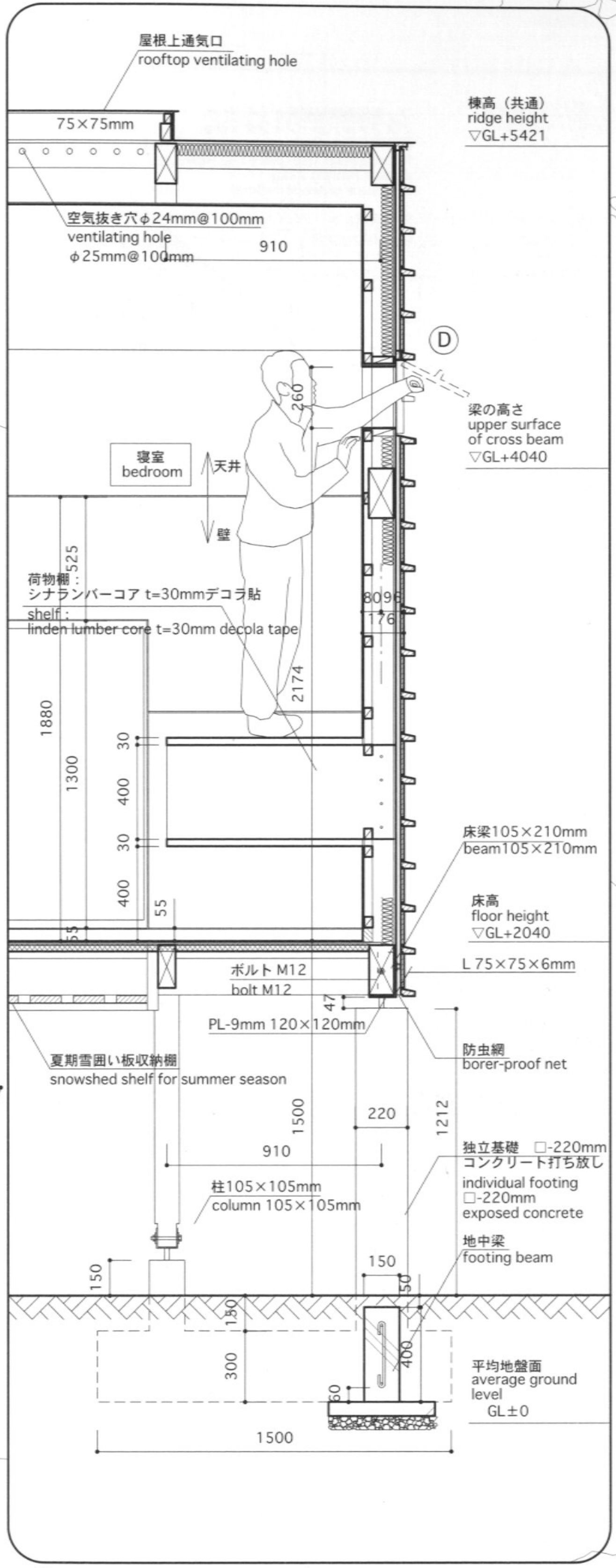
Ⓑ タイロッド詳細図 / tie rod detail S:1/20

平面詳細パース / horizontal section perspective S:1/50

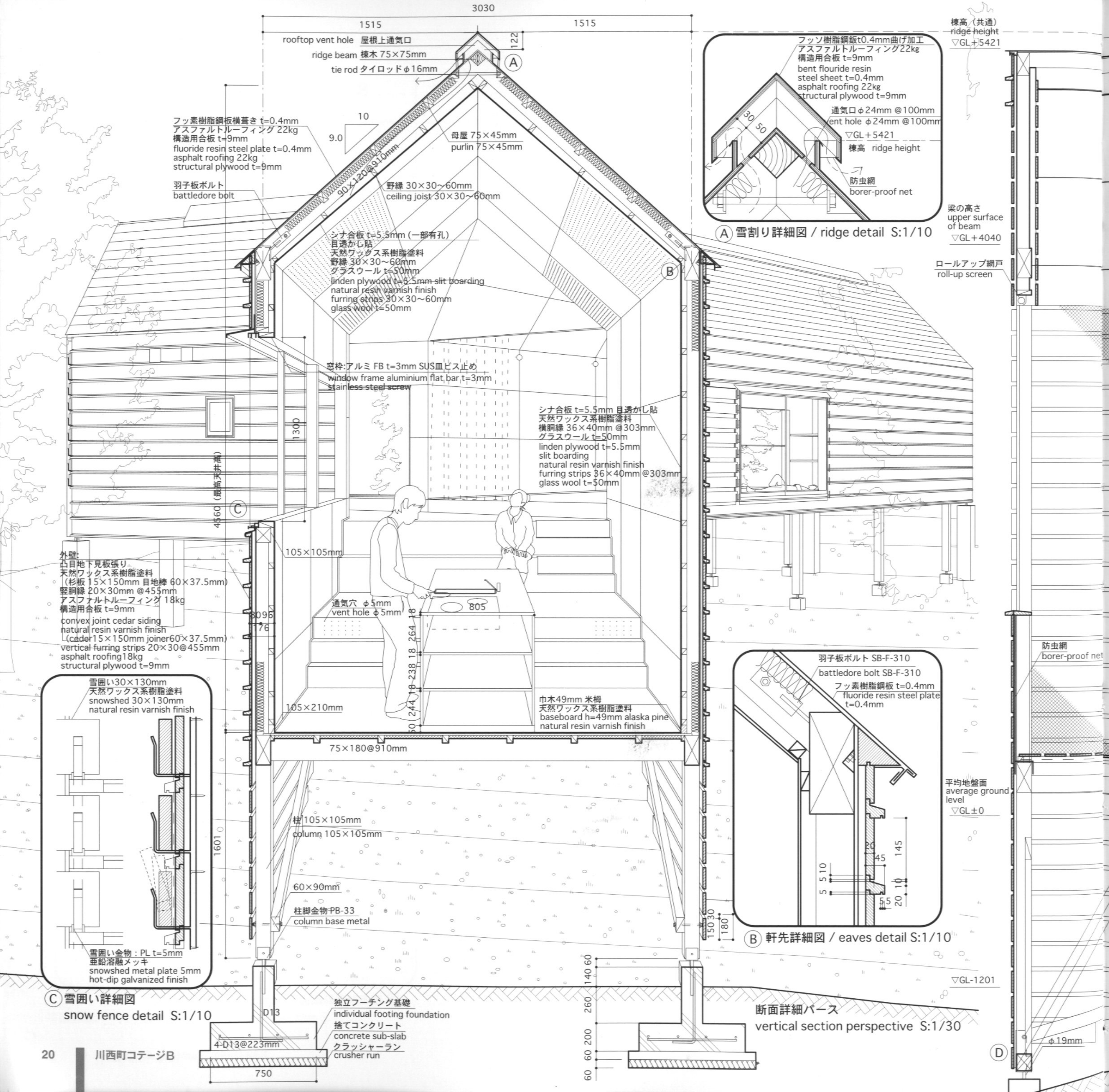


Ⓒ シャワールーム断面詳細図 / shower room detail S:1/30





Ⓓ 寝室断面詳細図 / bedroom detail S:1/30

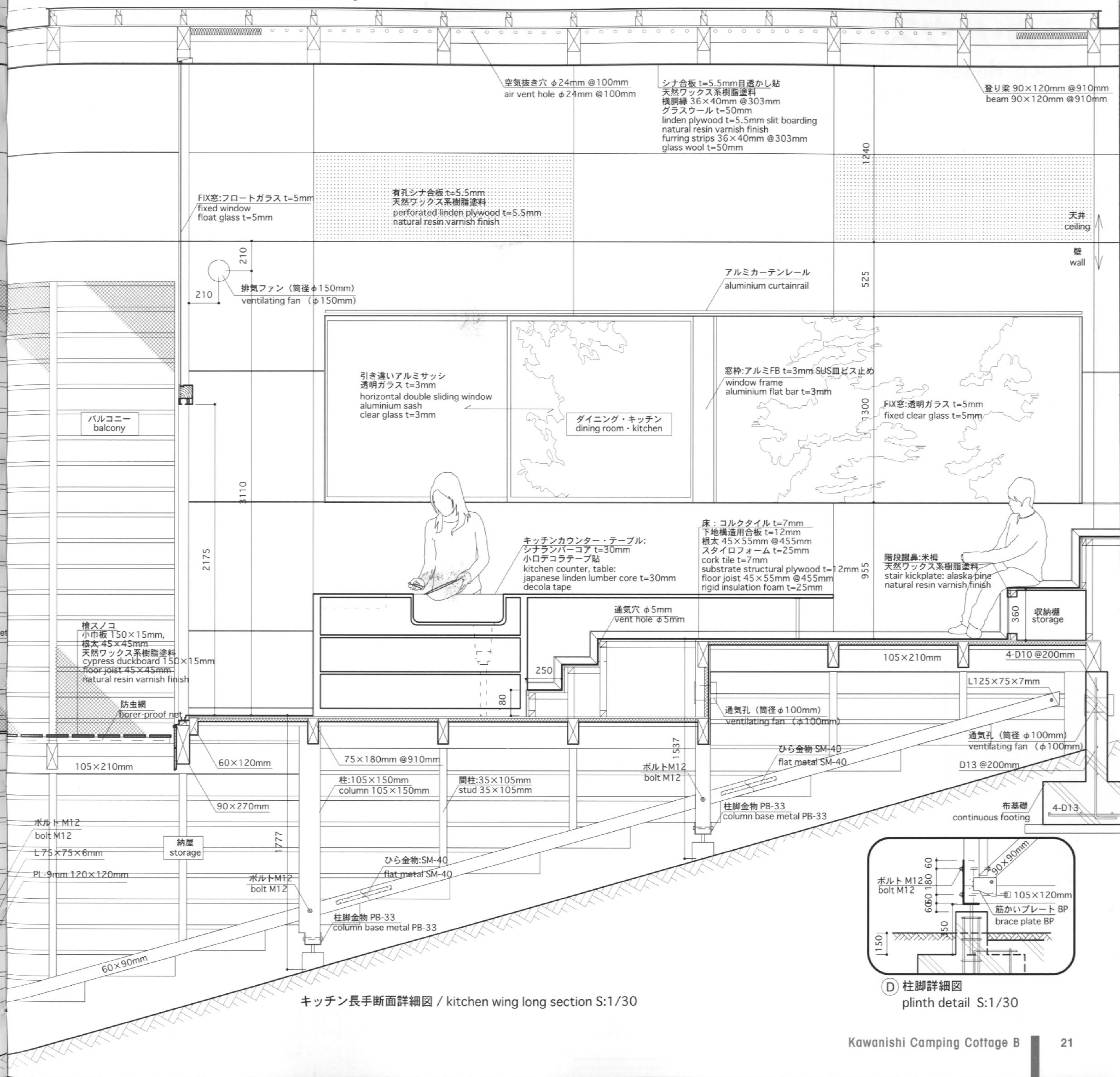


Ⓐ 雪割り詳細図 / ridge detail S:1/10

Ⓑ 軒先詳細図 / eaves detail S:1/10

Ⓒ 雪囲い詳細図
snow fence detail S:1/10

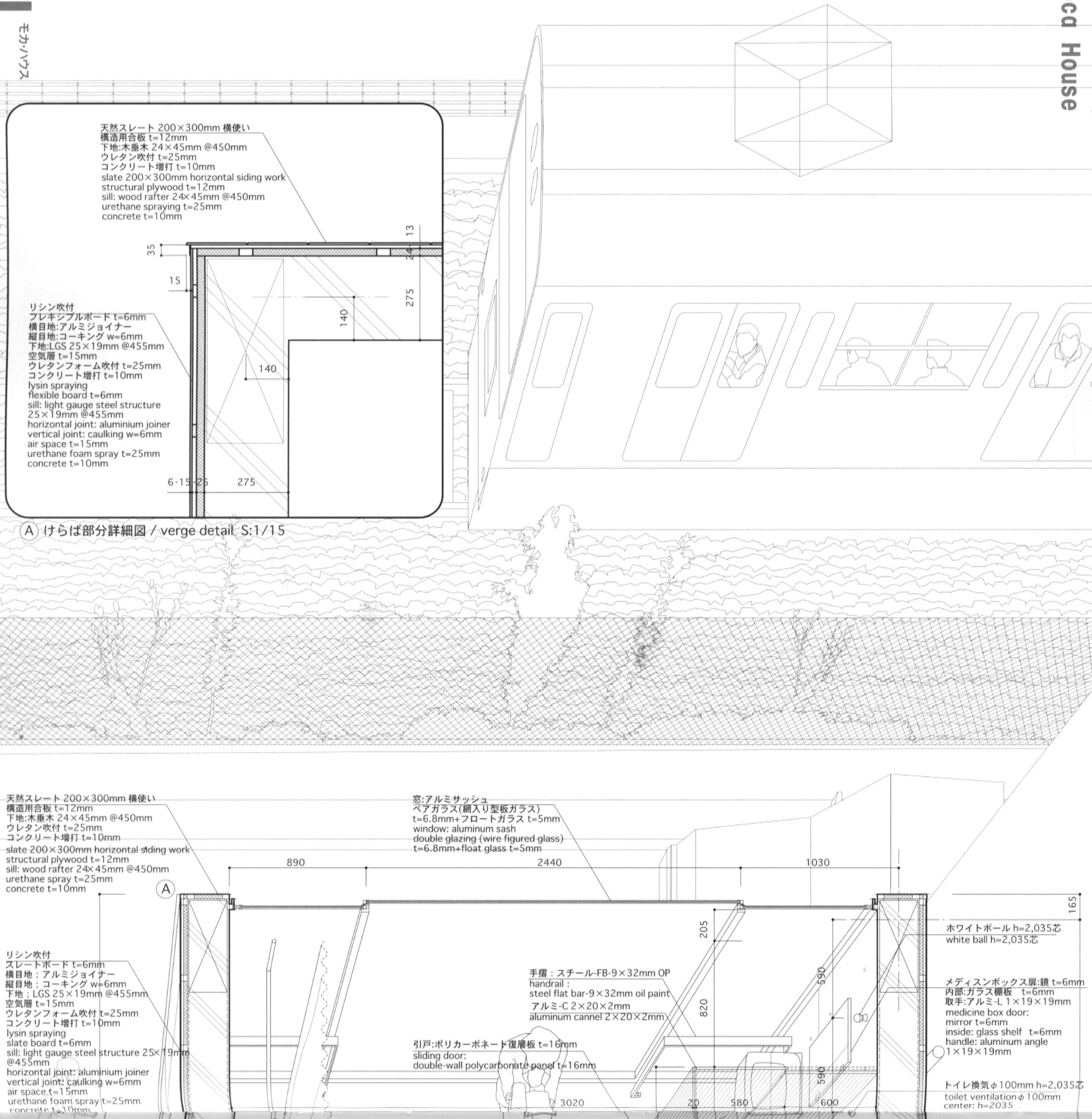
断面詳細パース
vertical section perspective S:1/30



キッチン長手断面詳細図 / kitchen wing long section S:1/30

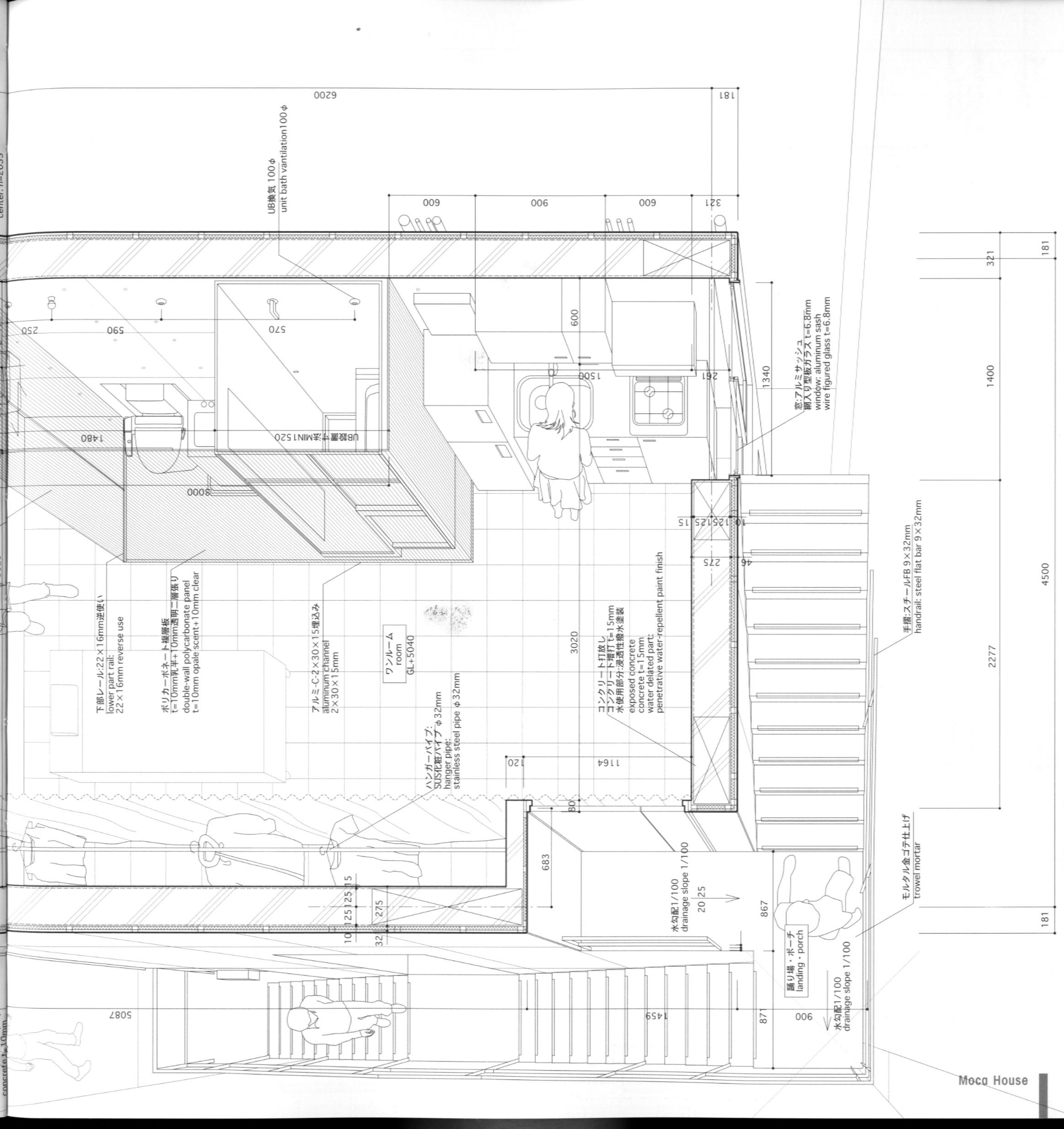
Ⓓ 柱脚詳細図
plinth detail S:1/30

モカ・ハウス
Moca House

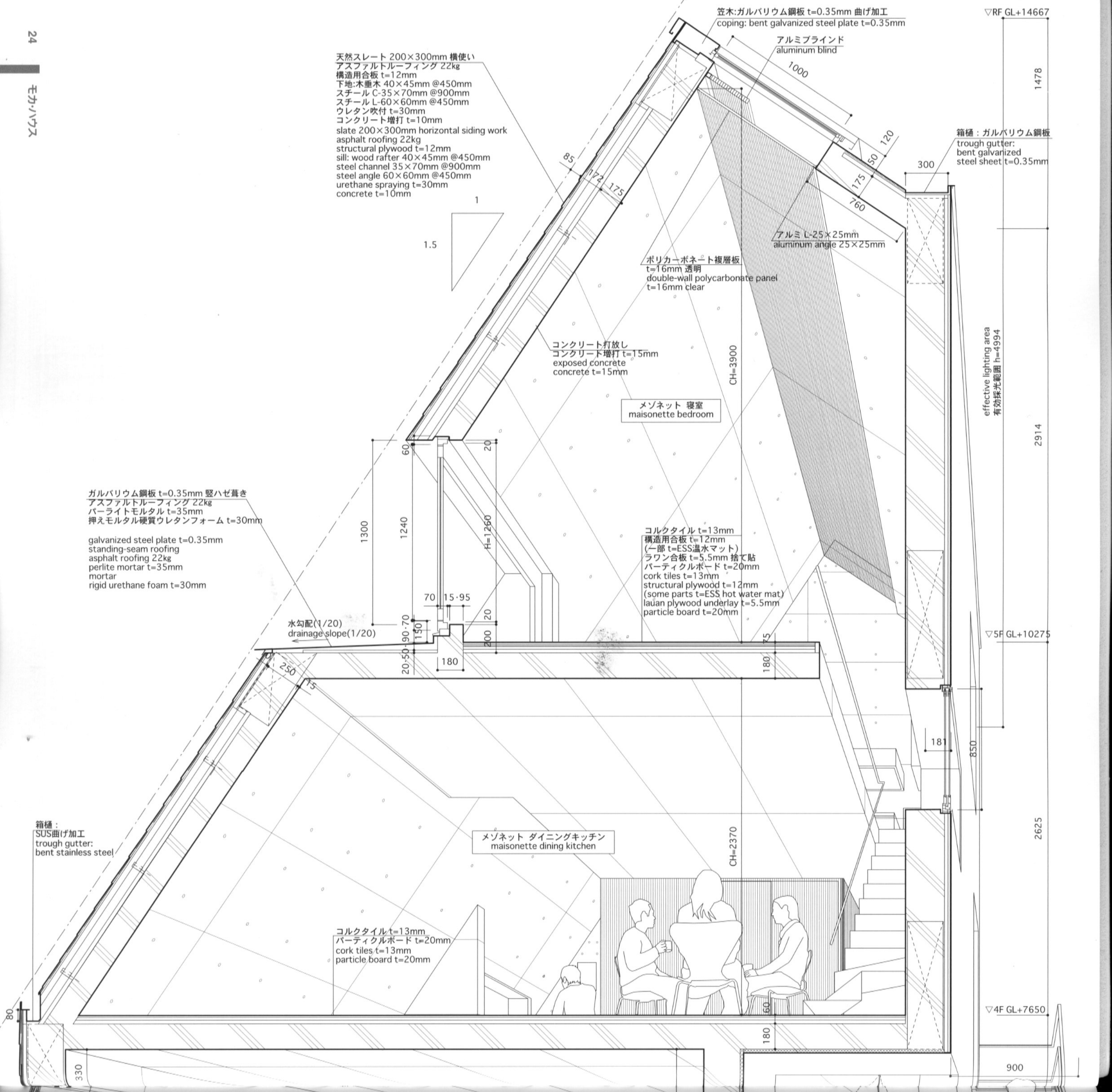


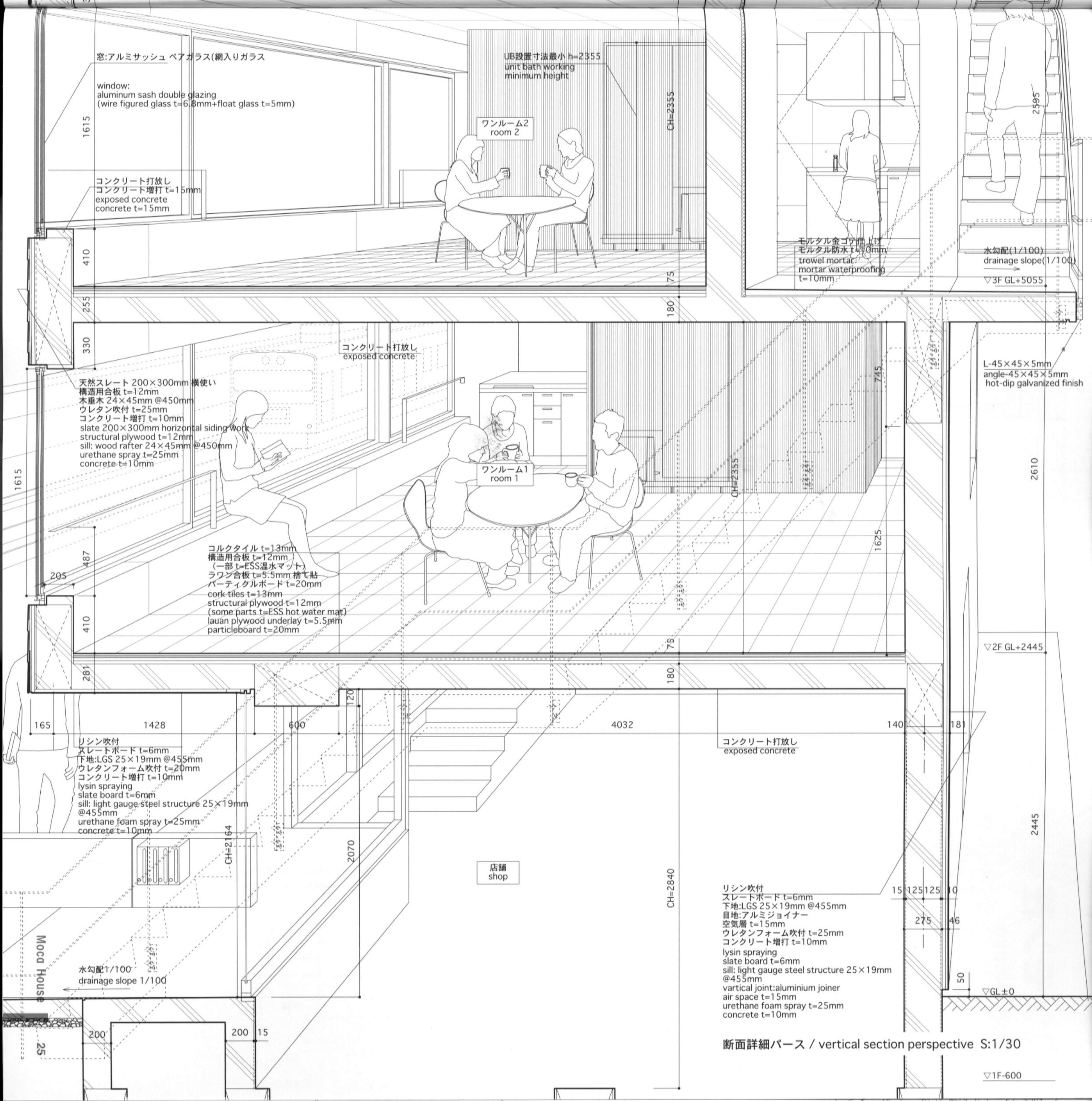
Ⓐ けらば部分詳細図 / verge detail S:1/15

天然スレート 200×300mm 横使い
構造用合板 t=12mm
下地:木垂木 24×45mm @450mm
ウレタン吹付 t=25mm
コンクリート増打 t=10mm
slate 200×300mm horizontal siding work
structural plywood t=12mm
sill: wood rafter 24×45mm @450mm
urethane spraying t=25mm
concrete t=10mm
35
15
13
24
275
140
140
275
6·15·25
リシン吹付
フレキシブルボード t=6mm
横目地:アルミジョイナー
縦目地:コーキング w=6mm
下地:LGS 25×19mm @455mm
空気層 t=15mm
ウレタンフォーム吹付 t=25mm
コンクリート増打 t=10mm
lysin spraying
flexible board t=6mm
sill: light gauge steel structure 25×19mm @455mm
horizontal joint: aluminium joiner
vertical joint: caulking w=6mm
air space t=15mm
urethane foam spray t=25mm
concrete t=10mm
天然スレート 200×300mm 横使い
構造用合板 t=12mm
下地:木垂木 24×45mm @450mm
ウレタン吹付 t=25mm
コンクリート増打 t=10mm
slate 200×300mm horizontal siding work
structural plywood t=12mm
sill: wood rafter 24×45mm @450mm
urethane spray t=25mm
concrete t=10mm
Ⓐ
窓:アルミサッシュ
ペアガラス(網入り型板ガラス)
t=6.8mm+フロートガラス t=5mm
window: aluminum sash
double glazing (wire figured glass)
t=6.8mm+float glass t=5mm
890
2440
1030
165
205
820
590
590
リシン吹付
スレートボード t=6mm
横目地；アルミジョイナー
縦目地；コーキング w=6mm
下地；LGS 25×19mm @455mm
空気層 t=15mm
ウレタンフォーム吹付 t=25mm
コンクリート増打 t=10mm
lysin spraying
slate board t=6mm
sill: light gauge steel structure 25×19mm @455mm
horizontal joint: aluminium joiner
vertical joint: caulking w=6mm
air space t=15mm
urethane foam spray t=25mm
手摺：スチール-FB-9×32mm OP
handrail :
steel flat bar-9×32mm oil paint
アルミ-C 2×20×2mm
aluminum cannel 2×20×2mm
引戸:ポリカーボネート復層板 t=16mm
sliding door:
double-wall polycarbonate panel t=16mm
ホワイトボール h=2,035芯
white ball h=2,035芯
メディスンボックス扉:鏡 t=6mm
内部:ガラス棚板 t=6mm
取手:アルミ-L 1×19×19mm
medicine box door:
mirror t=6mm
inside: glass shelf t=6mm
handle: aluminum angle
1×19×19mm
トイレ換気 φ100mm h=2,035芯
toilet ventilation φ100mm
center: h=2035
3020
20
580
600



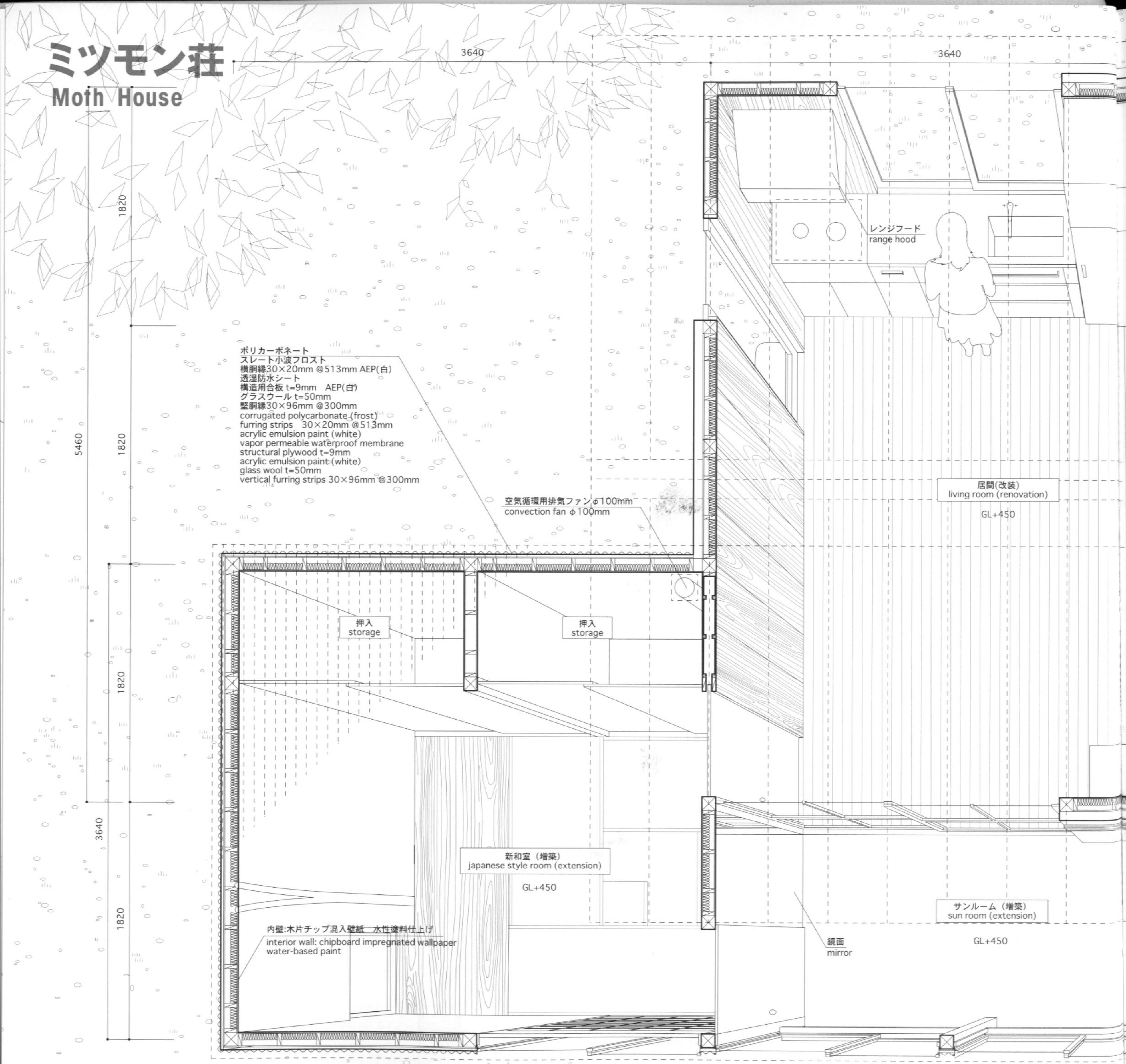
平面詳細パース / horizontal section perspective S:1/30


笠木:ガルバリウム鋼板 t=0.35mm 曲げ加工
coping: bent galvanized steel plate t=0.35mm
▽RF GL+14667
アルミブラインド
aluminum blind
1000
120
50
175
760
1478
箱樋：ガルバリウム鋼板
trough gutter:
bent galvanized
steel sheet t=0.35mm
300
天然スレート 200×300mm 横使い
アスファルトルーフィング 22kg
構造用合板 t=12mm
下地:木垂木 40×45mm @450mm
スチール C-35×70mm @900mm
スチール L-60×60mm @450mm
ウレタン吹付 t=30mm
コンクリート増打 t=10mm
slate 200×300mm horizontal siding work
asphalt roofing 22kg
structural plywood t=12mm
sill: wood rafter 40×45mm @450mm
steel channel 35×70mm @900mm
steel angle 60×60mm @450mm
urethane spraying t=30mm
concrete t=10mm
85
172
175
1
1.5
アルミ L-25×25mm
aluminum angle 25×25mm
ポリカーボネート複層板
t=16mm 透明
double-wall polycarbonate panel
t=16mm clear
コンクリート打放し
コンクリート増打 t=15mm
exposed concrete
concrete t=15mm
CH=3900
メゾネット 寝室
maisonette bedroom
effective lighting area
有効採光範囲 h=4994
2914
60
20
1300
1240
H=1260
ガルバリウム鋼板 t=0.35mm 竪ハゼ葺き
アスファルトルーフィング 22kg
パーライトモルタル t=35mm
押えモルタル硬質ウレタンフォーム t=30mm
galvanized steel plate t=0.35mm
standing-seam roofing
asphalt roofing 22kg
perlite mortar t=35mm
mortar
rigid urethane foam t=30mm
コルクタイル t=13mm
構造用合板 t=12mm
(一部 t=ESS温水マット)
ラワン合板 t=5.5mm 捨て貼
パーティクルボード t=20mm
cork tiles t=13mm
structural plywood t=12mm
(some parts t=ESS hot water mat)
lauan plywood underlay t=5.5mm
particle board t=20mm
70
15·95
20
水勾配(1/20)
drainage slope(1/20)
150
20·50·90·70
200
75
180
180
▽5F GL+10275
250
15
181
850
メゾネット ダイニングキッチン
maisonette dining kitchen
2625
箱樋：
SUS曲げ加工
trough gutter:
bent stainless steel
CH=2370
コルクタイル t=13mm
パーティクルボード t=20mm
cork tiles t=13mm
particle board t=20mm
60
180
▽4F GL+7650
80
330
900



断面詳細パース / vertical section perspective S:1/30

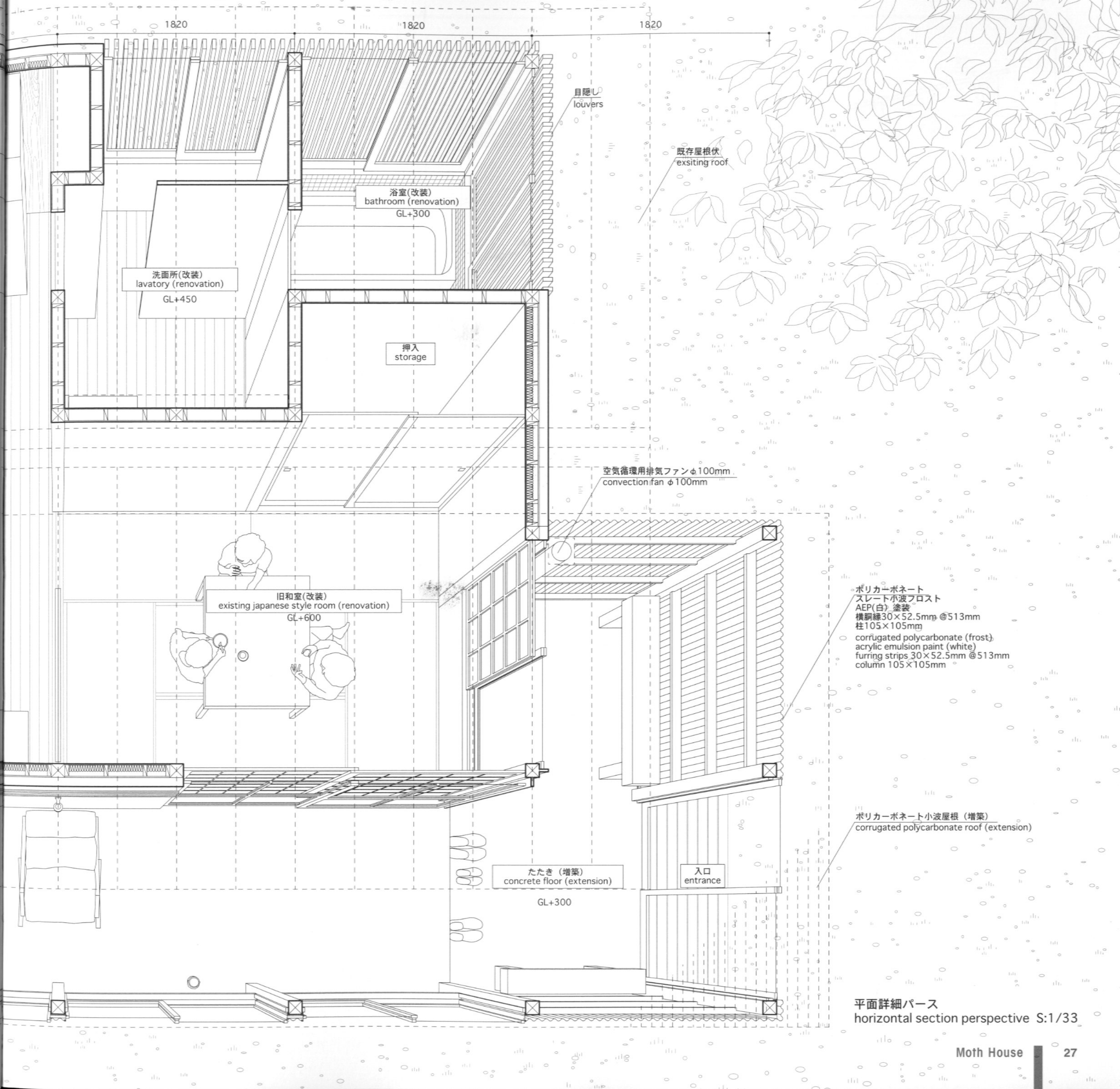
ミツモン荘
Moth House



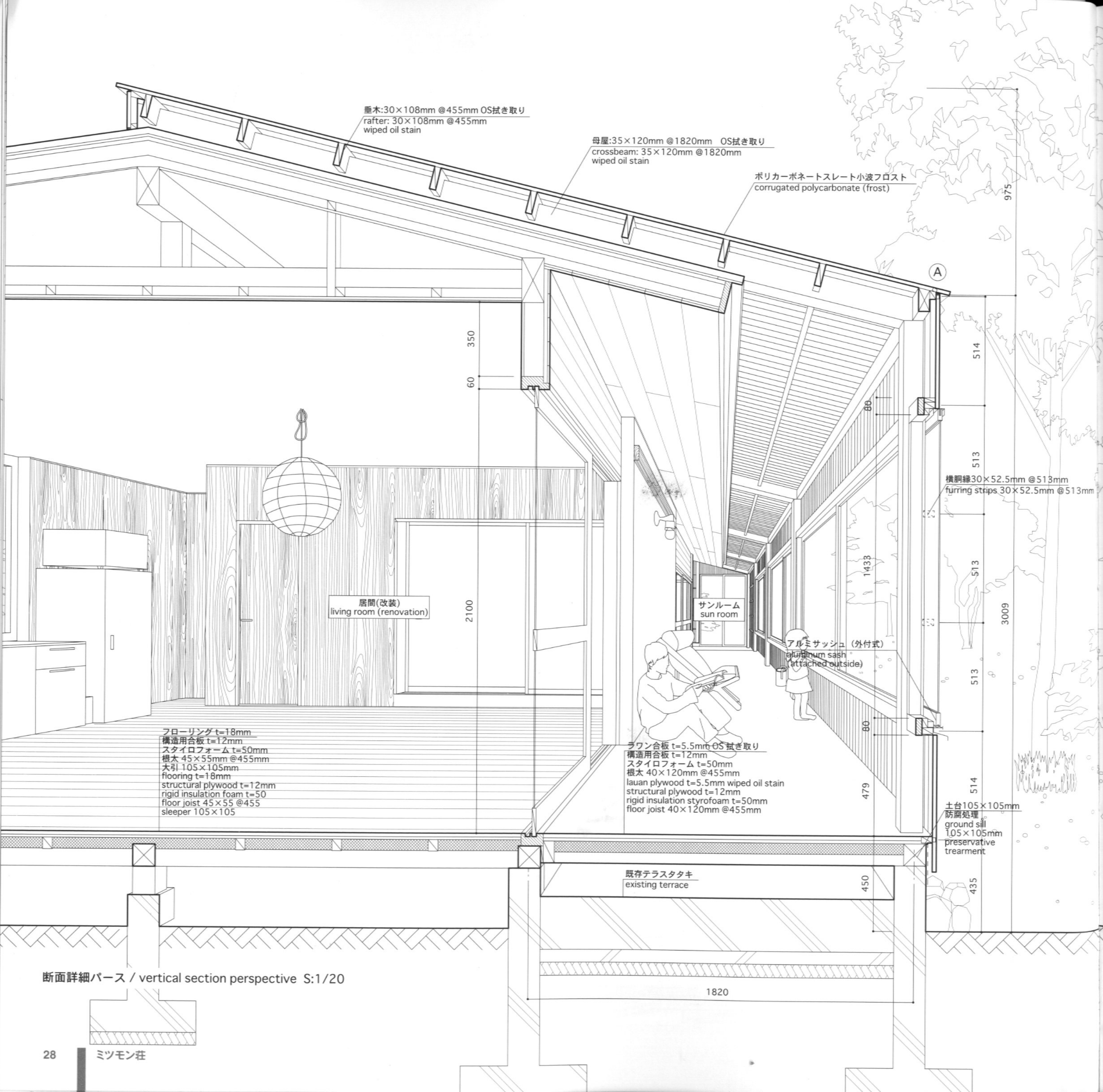
ポリカーボネート
スレート小波フロスト
横胴縁30×20mm @513mm AEP(白)
透湿防水シート
構造用合板 t=9mm　AEP(白)
グラスウール t=50mm
竪胴縁30×96mm @300mm
corrugated polycarbonate (frost)
furring strips　30×20mm @513mm
acrylic emulsion paint (white)
vapor permeable waterproof membrane
structural plywood t=9mm
acrylic emulsion paint (white)
glass wool t=50mm
vertical furring strips 30×96mm @300mm

空気循環用排気ファンφ100mm
convection fan φ100mm

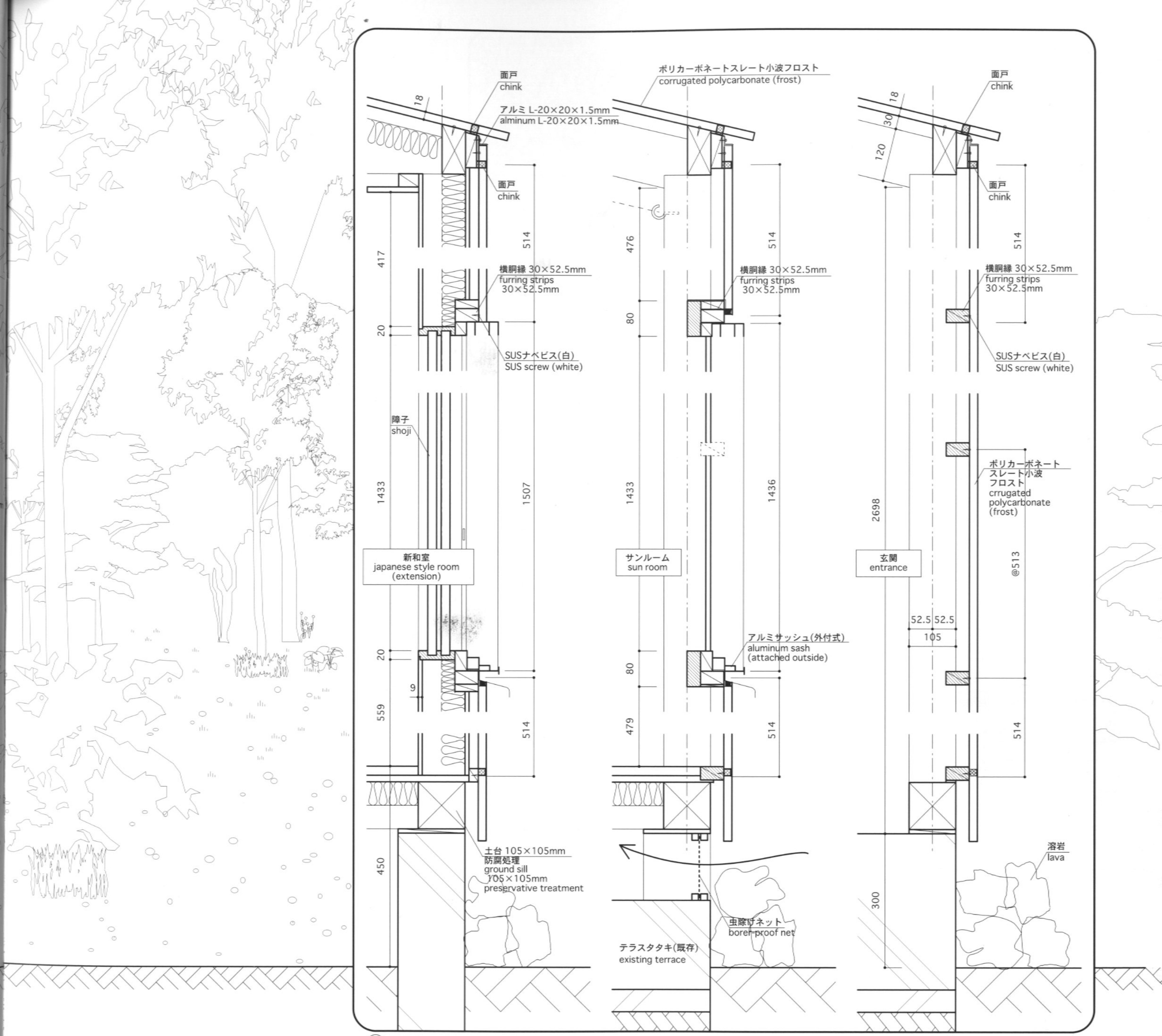
内壁:木片チップ混入壁紙　水性塗料仕上げ
interior wall: chipboard impregnated wallpaper
water-based paint



平面詳細パース
horizontal section perspective S:1/33

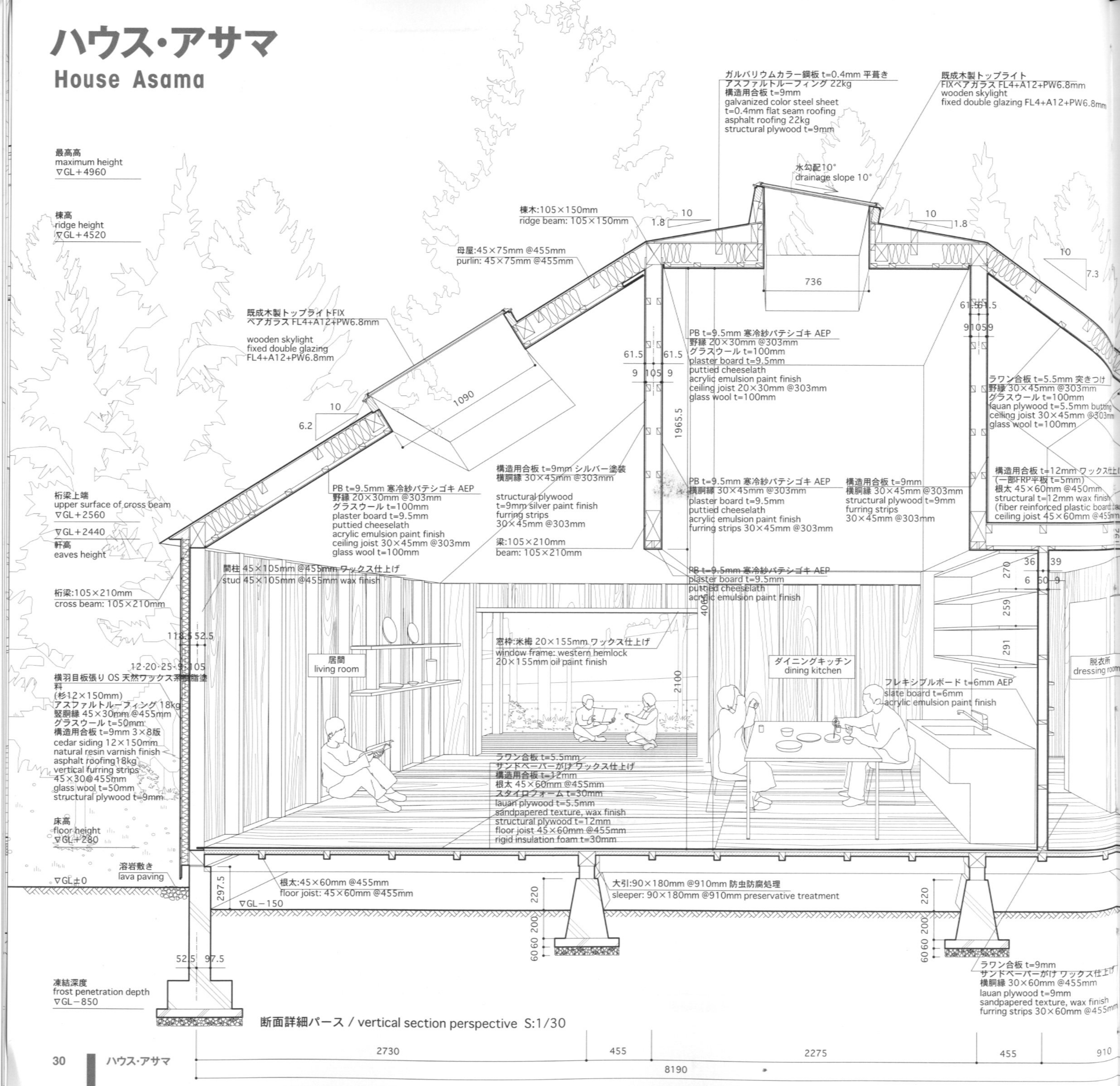


断面詳細パース / vertical section perspective S:1/20

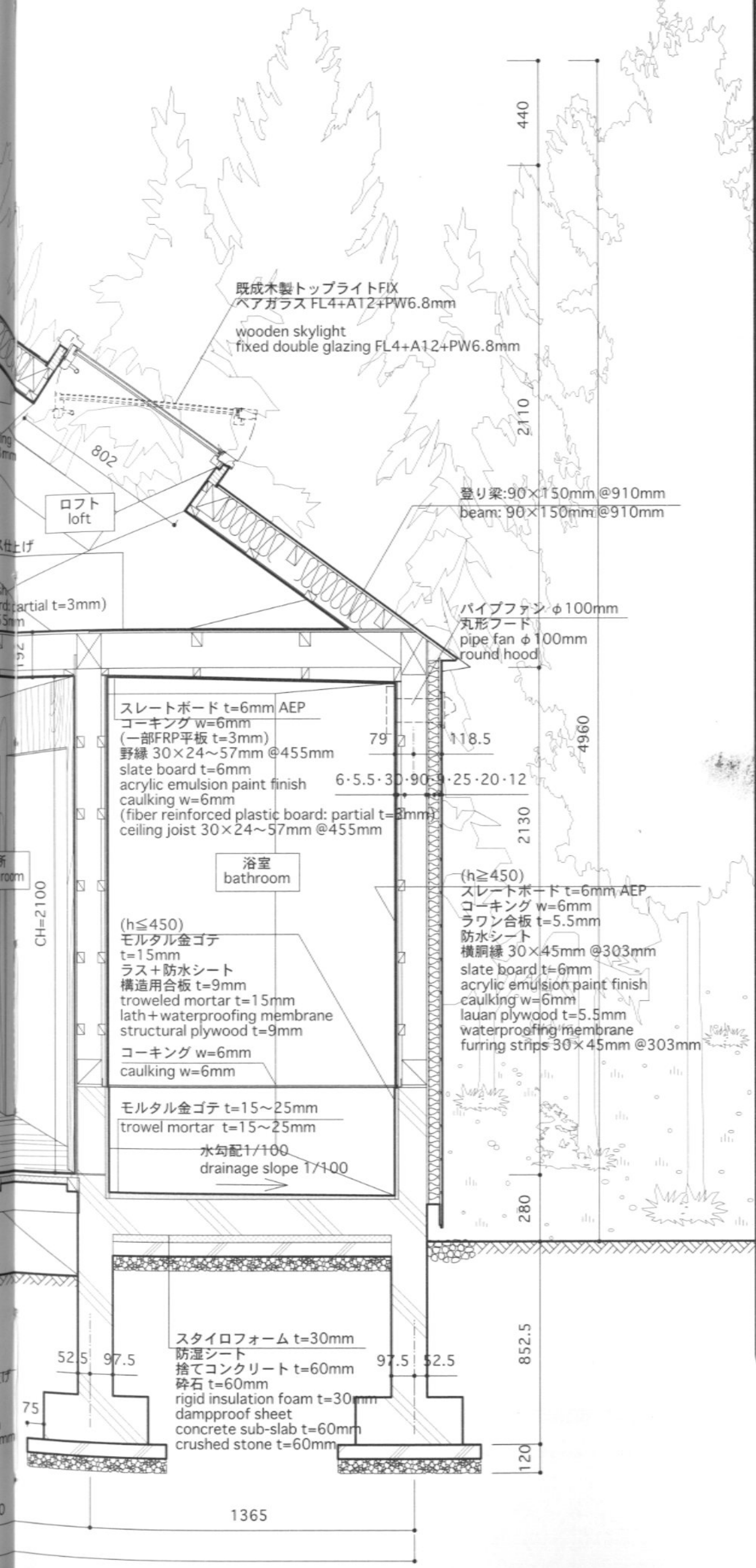


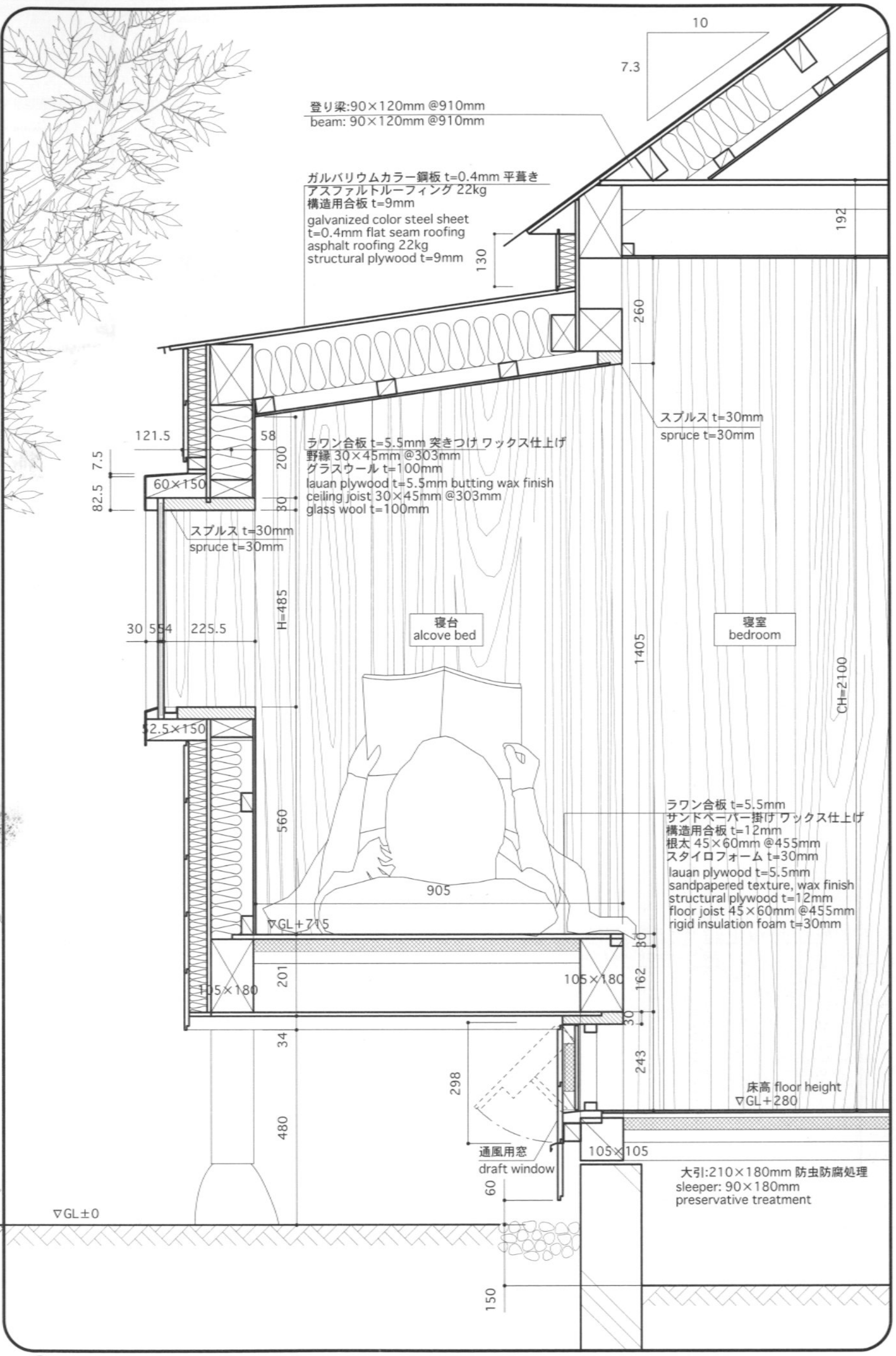
Ⓐ 桁行断面詳細図 / crossbeam section details S:1/10

ハウス・アサマ
House Asama

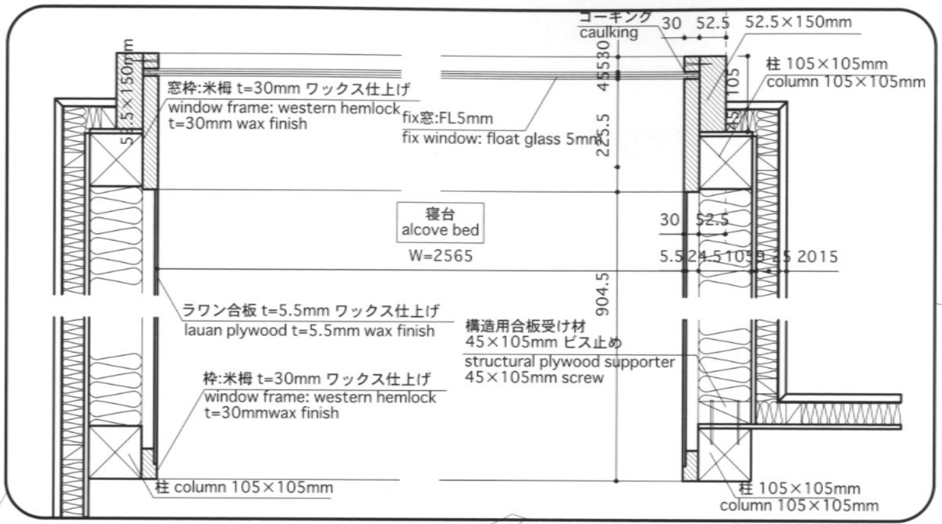


断面詳細パース / vertical section perspective S:1/30

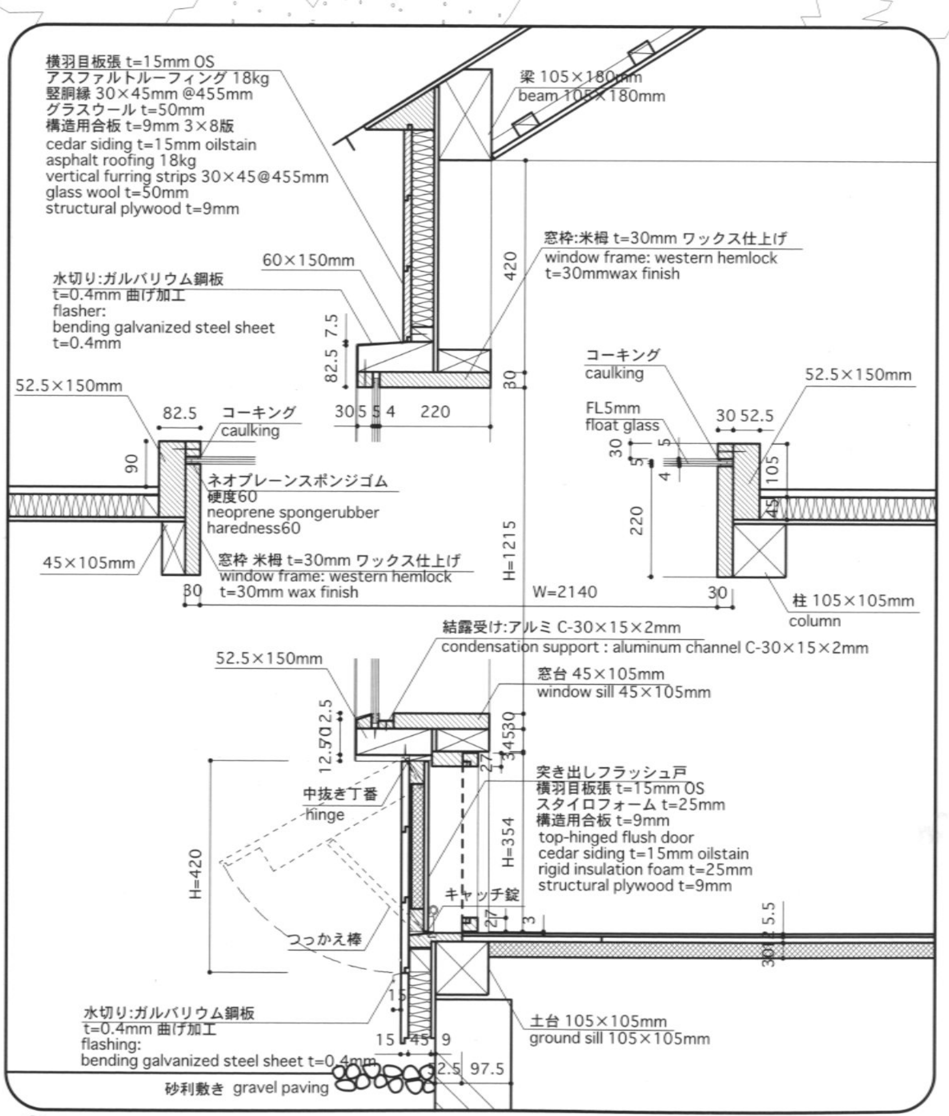




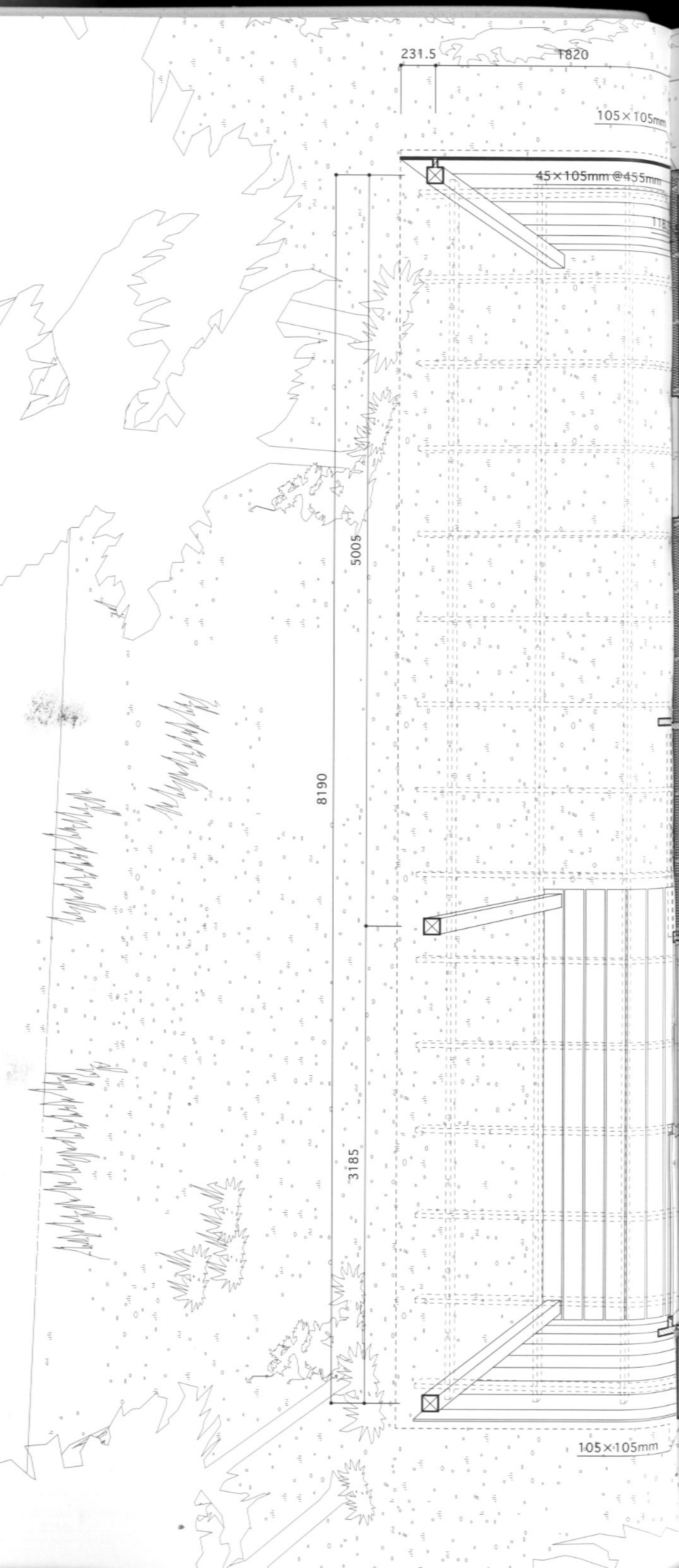
Ⓐ 寝台断面詳細図 / outswinging window detail S:1/15

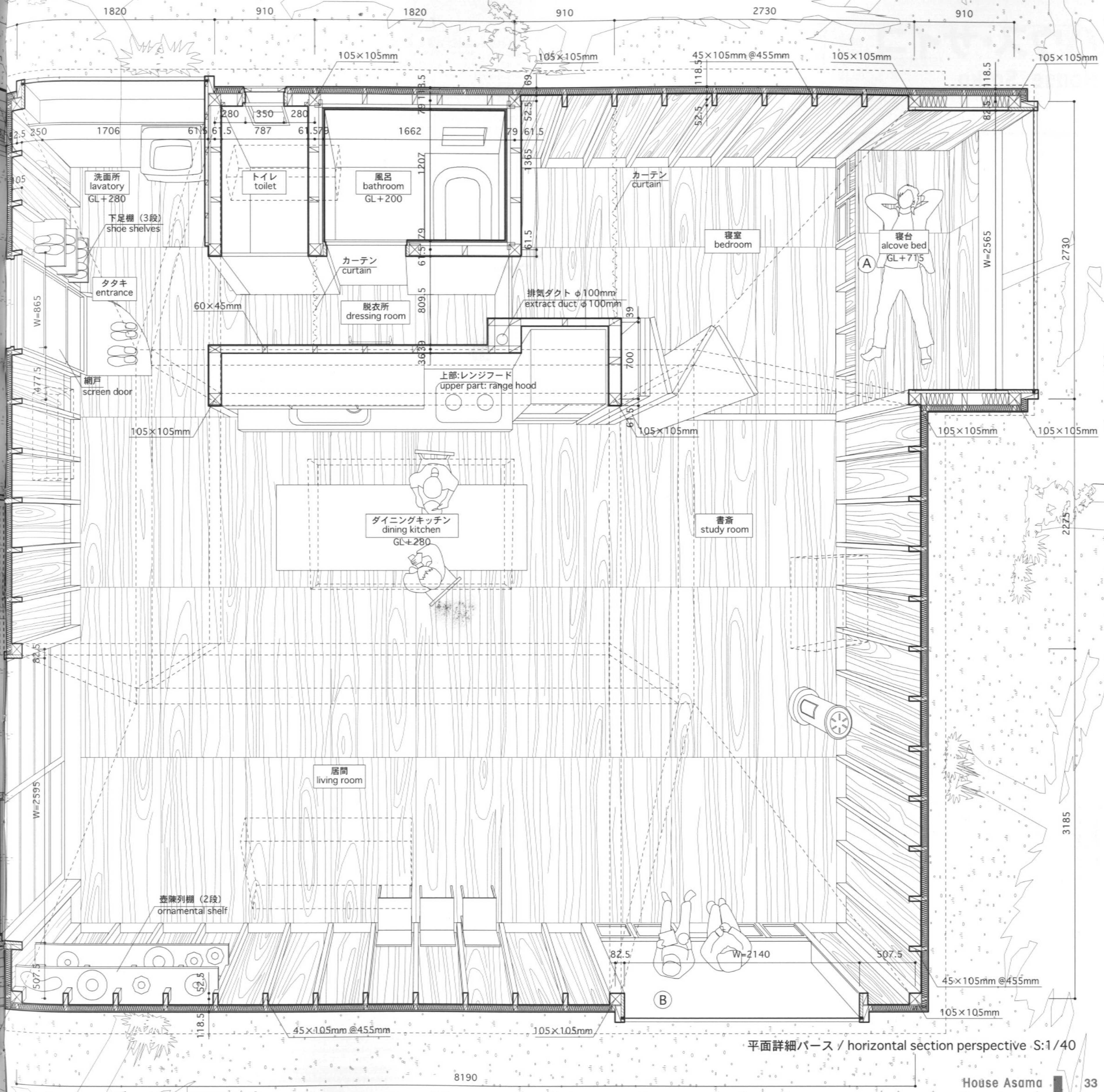


Ⓐ 寝台平面詳細図 / outswinging window detail S:1/15



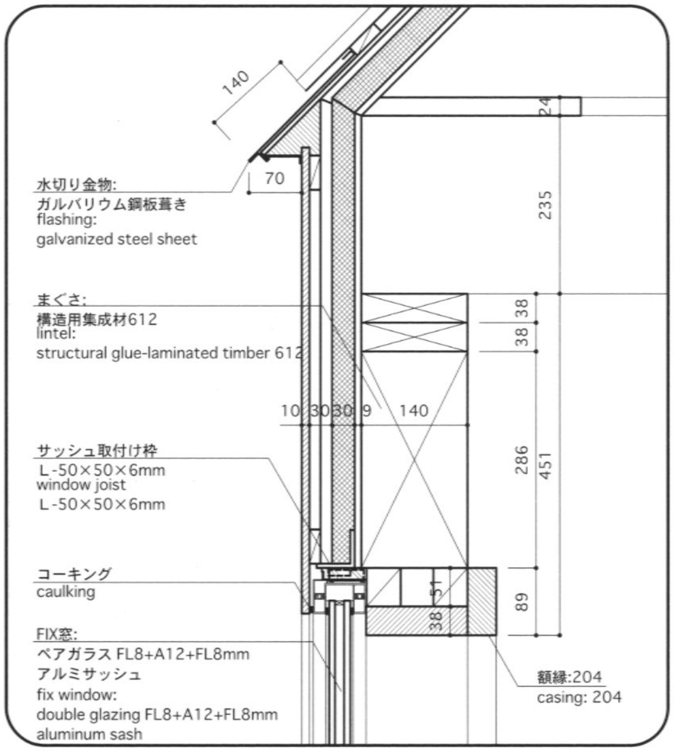
Ⓑ 開口部詳細図 / outswinging window detail S:1/15



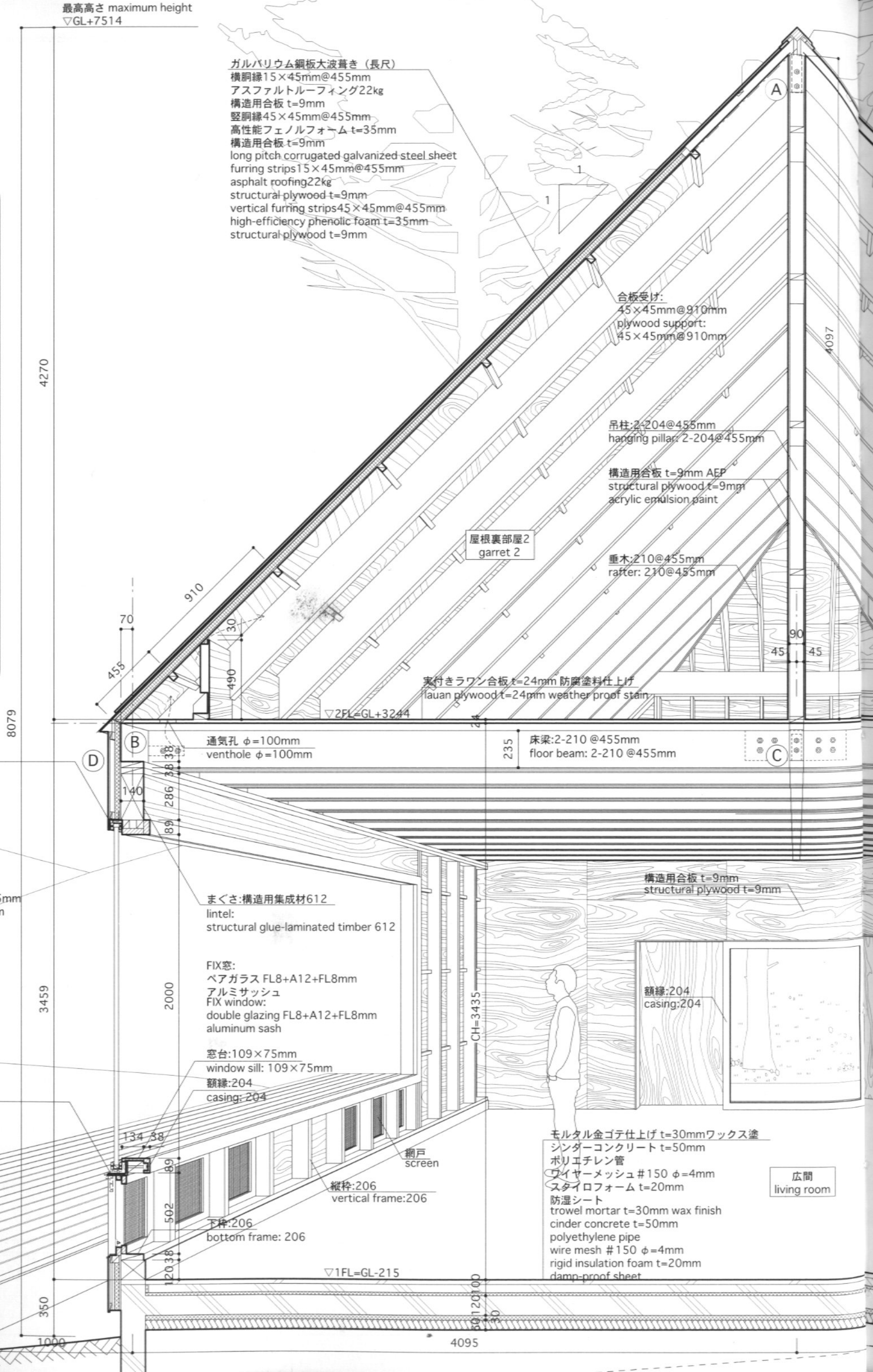


平面詳細パース / horizontal section perspective S:1/40

ハウス・サイコ
House Saiko

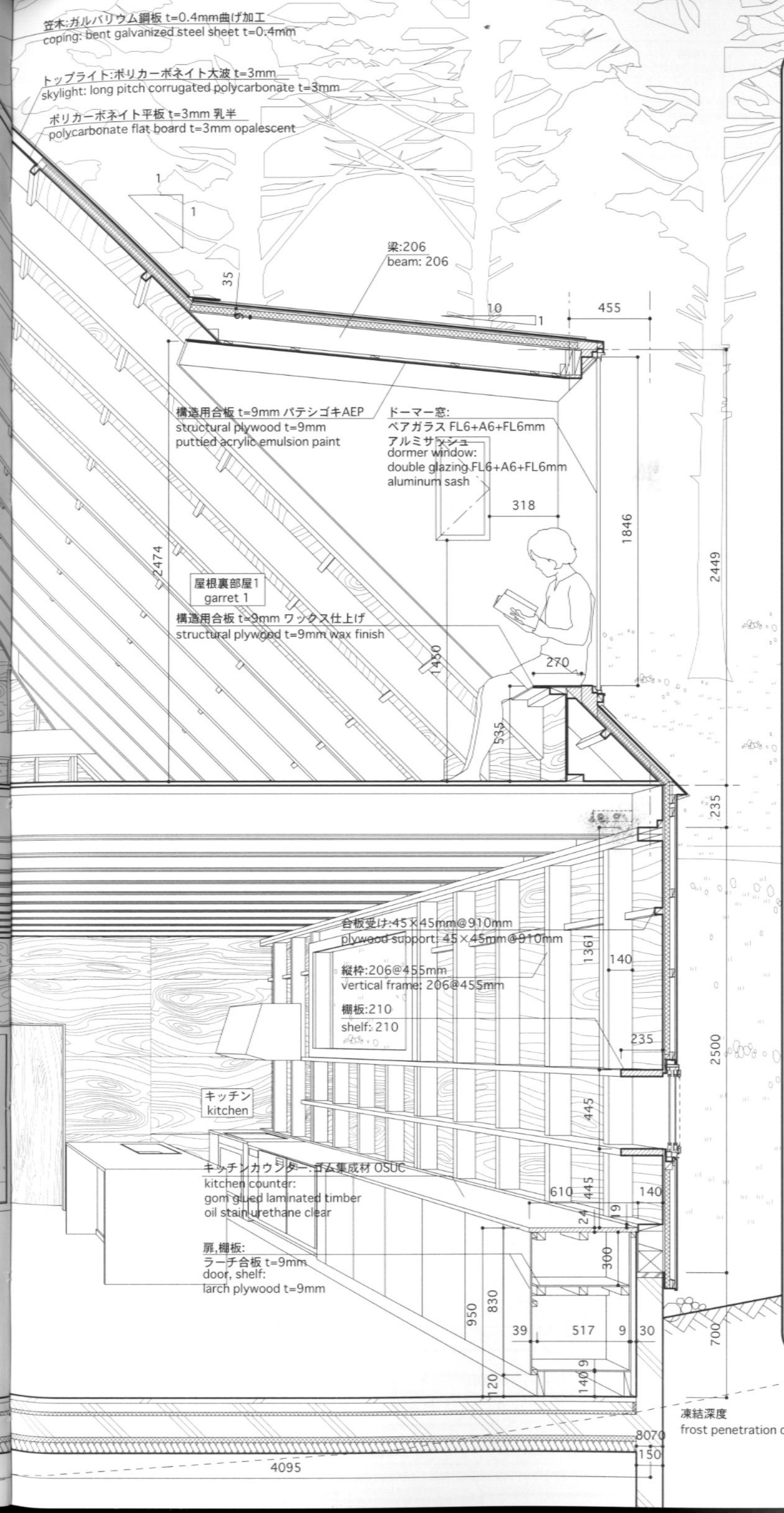


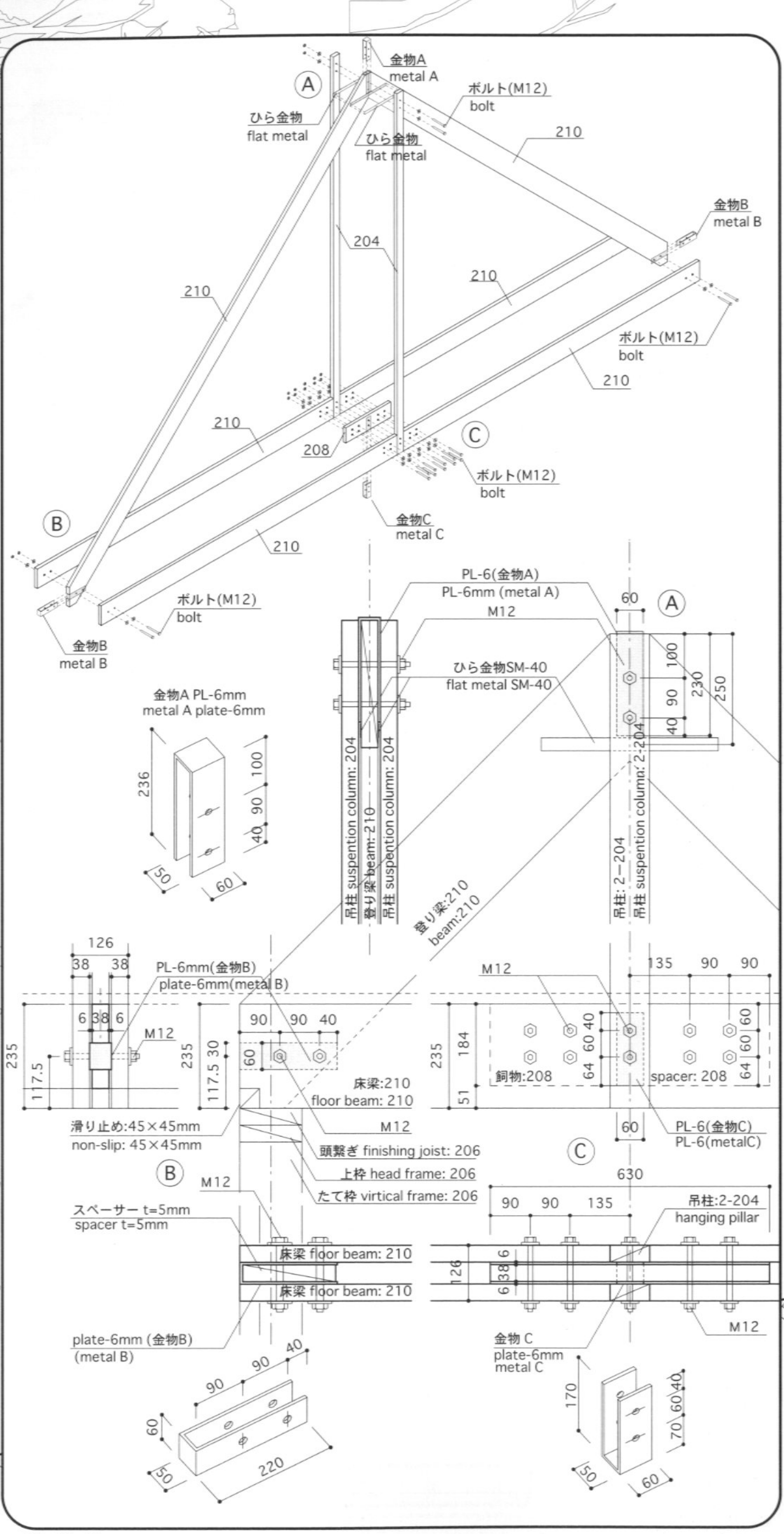
Ⓓ 軒先詳細図 / eaves edge detail S:1/10



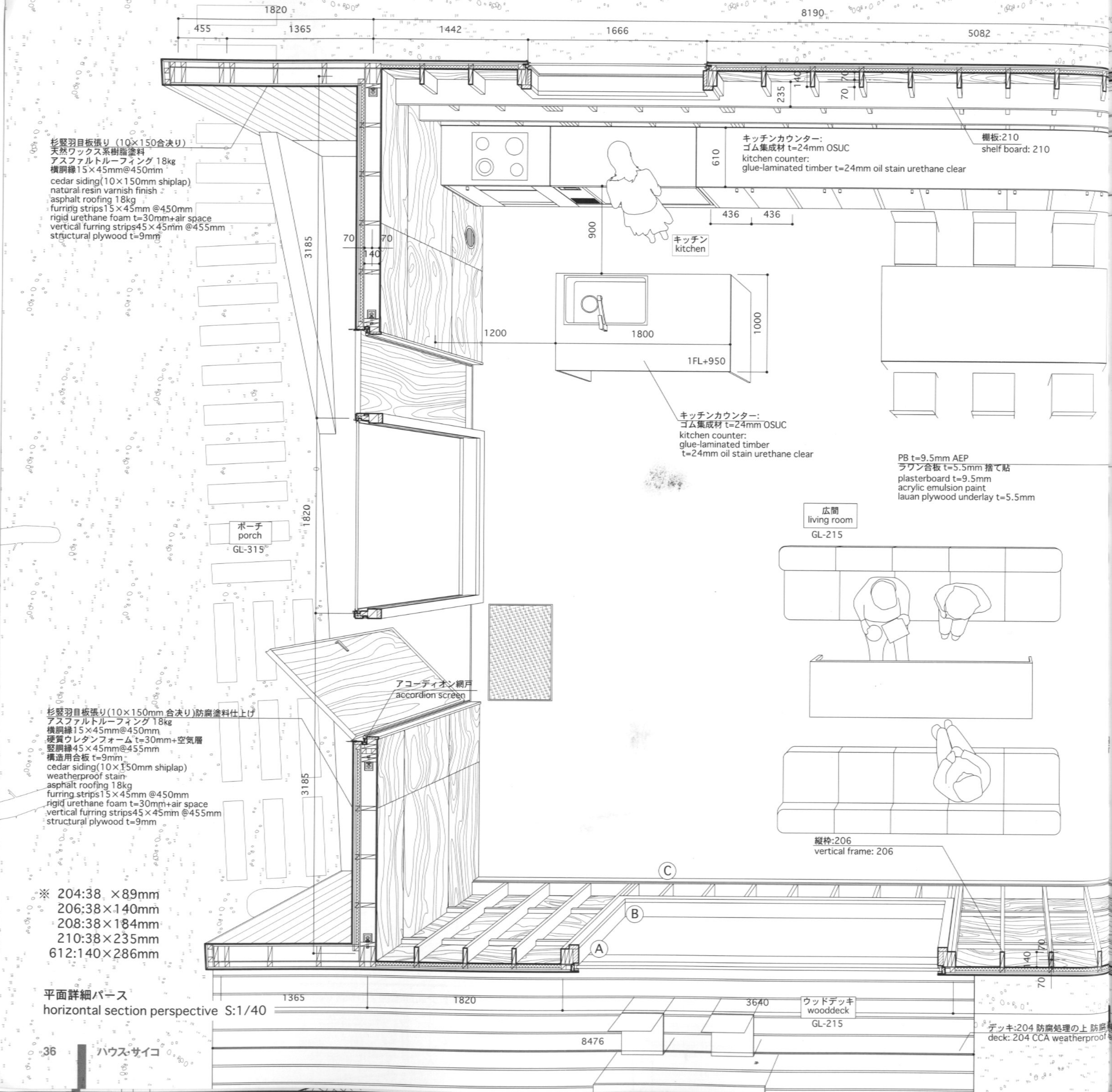
※ 204:38×89mm
206:38×140mm
208:38×184mm
210:38×235mm
612:140×286mm

断面詳細パース
vertical section perspective S:1/33


笠木:ガルバリウム鋼板 t=0.4mm曲げ加工
coping: bent galvanized steel sheet t=0.4mm
トップライト:ポリカーボネイト大波 t=3mm
skylight: long pitch corrugated polycarbonate t=3mm
ポリカーボネイト平板 t=3mm 乳半
polycarbonate flat board t=3mm opalescent
1
1
梁:206
beam: 206
35
10
1
455
構造用合板 t=9mm パテシゴキAEP
structural plywood t=9mm
puttied acrylic emulsion paint
ドーマー窓:
ペアガラス FL6+A6+FL6mm
アルミサッシュ
dormer window:
double glazing FL6+A6+FL6mm
aluminum sash
318
1846
2449
2474
屋根裏部屋1
garret 1
構造用合板 t=9mm ワックス仕上げ
structural plywood t=9mm wax finish
1450
270
535
235
合板受け:45×45mm@910mm
plywood support: 45×45mm@910mm
縦枠:206@455mm
vertical frame: 206@455mm
棚板:210
shelf: 210
1361
140
235
2500
キッチン
kitchen
445
キッチンカウンター:ゴム集成材 OSUC
kitchen counter:
gom glued laminated timber
oil stain urethane clear
610
445
140
19
24
扉,棚板:
ラーチ合板 t=9mm
door, shelf:
larch plywood t=9mm
300
950
830
39
517
9
30
700
120
140
9
凍結深度
frost penetration depth=GL-500
8070
150
4095

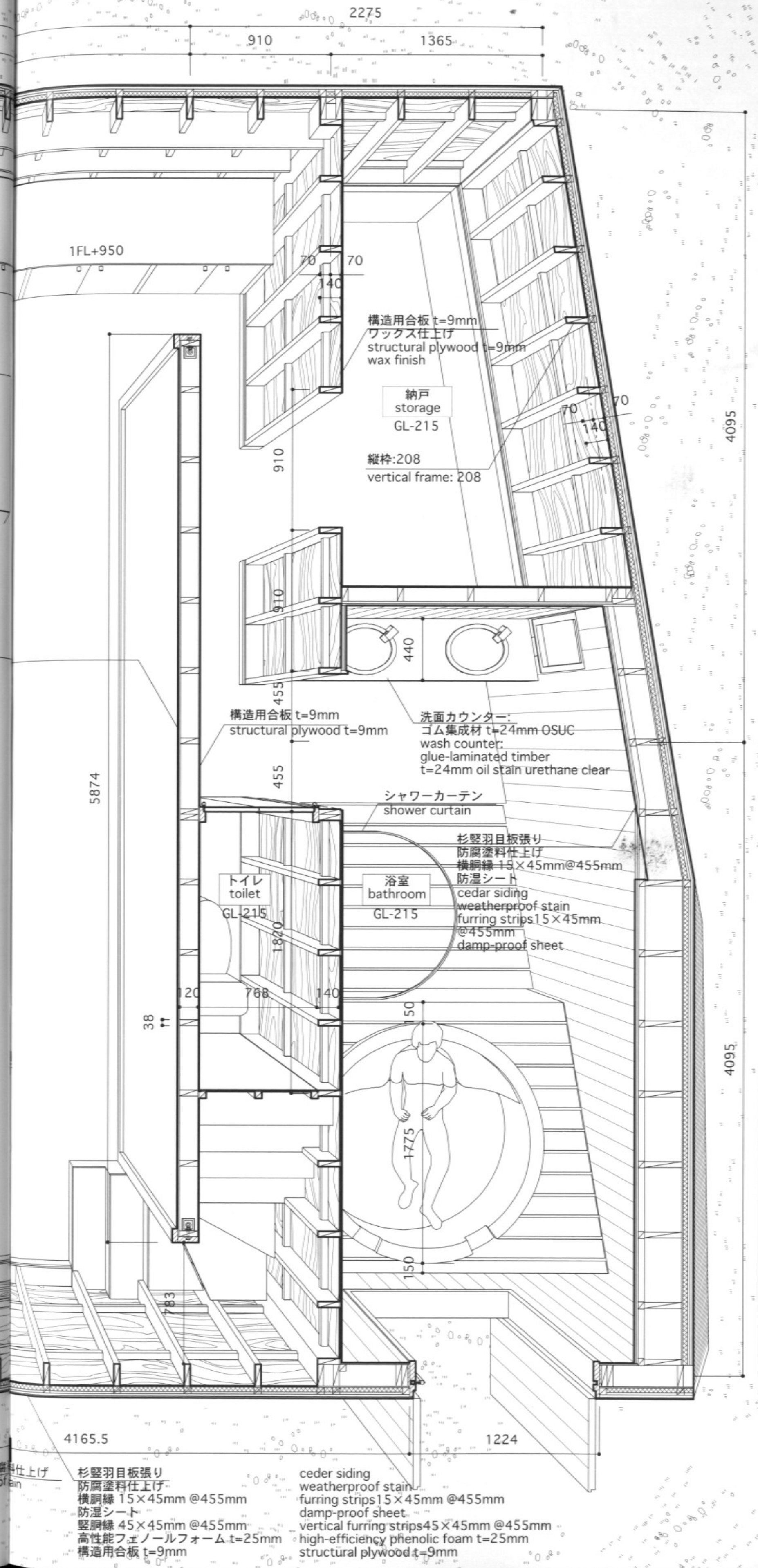


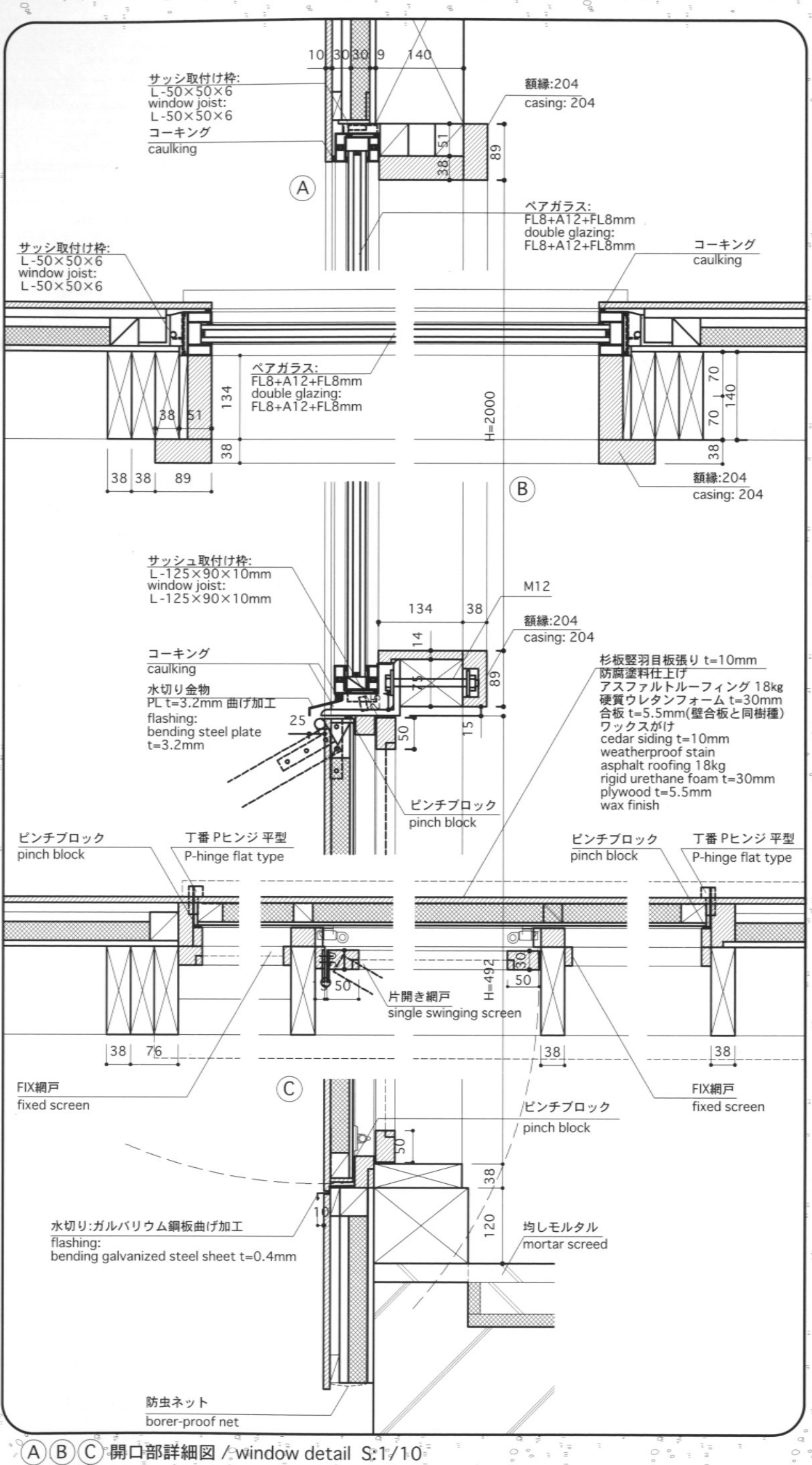
ⒶⒷⒸ 三角トラス詳細図 / truss detail S:1/15



※ 204:38 ×89mm
206:38×140mm
208:38×184mm
210:38×235mm
612:140×286mm

平面詳細パース
horizontal section perspective S:1/40

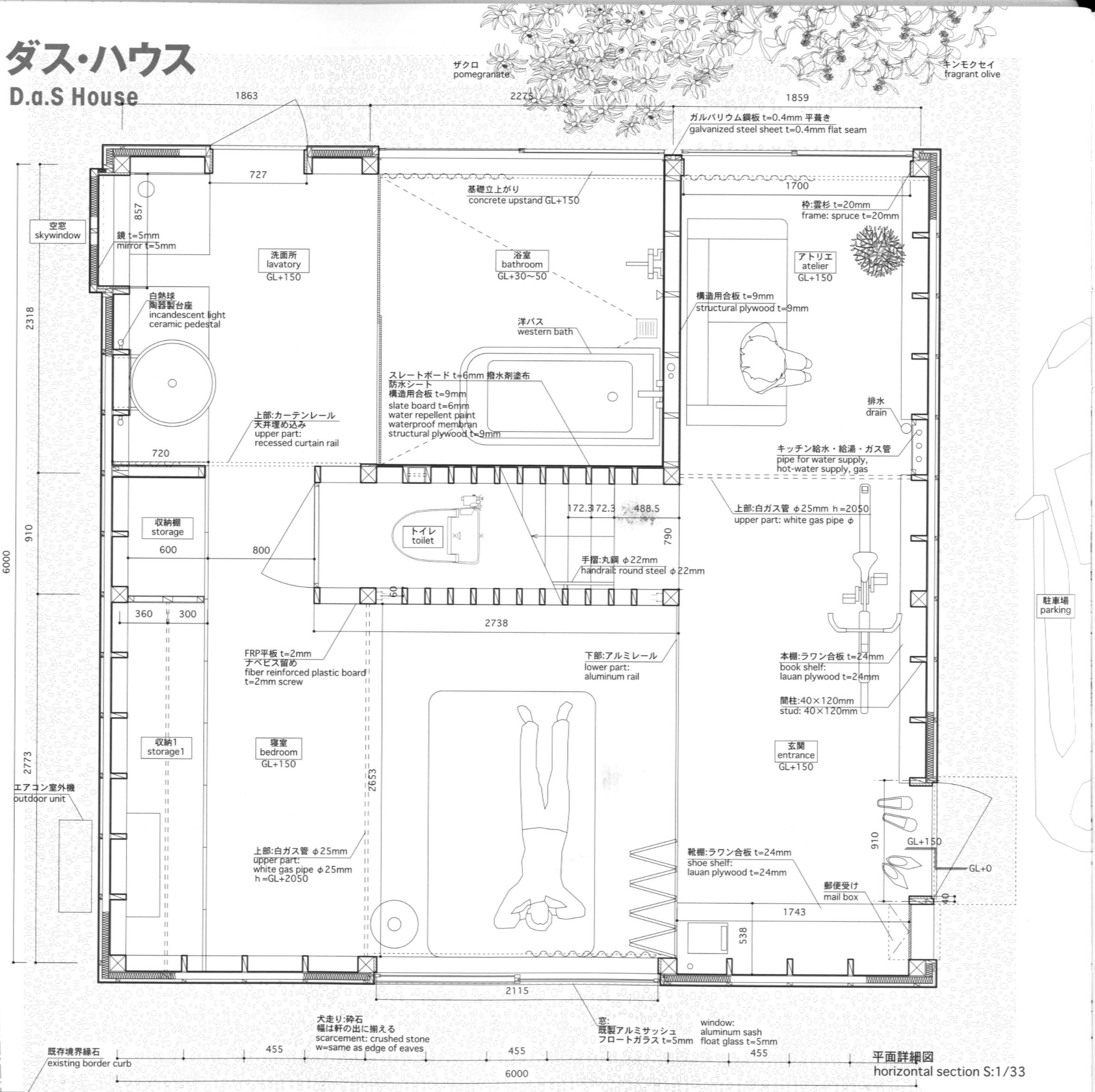




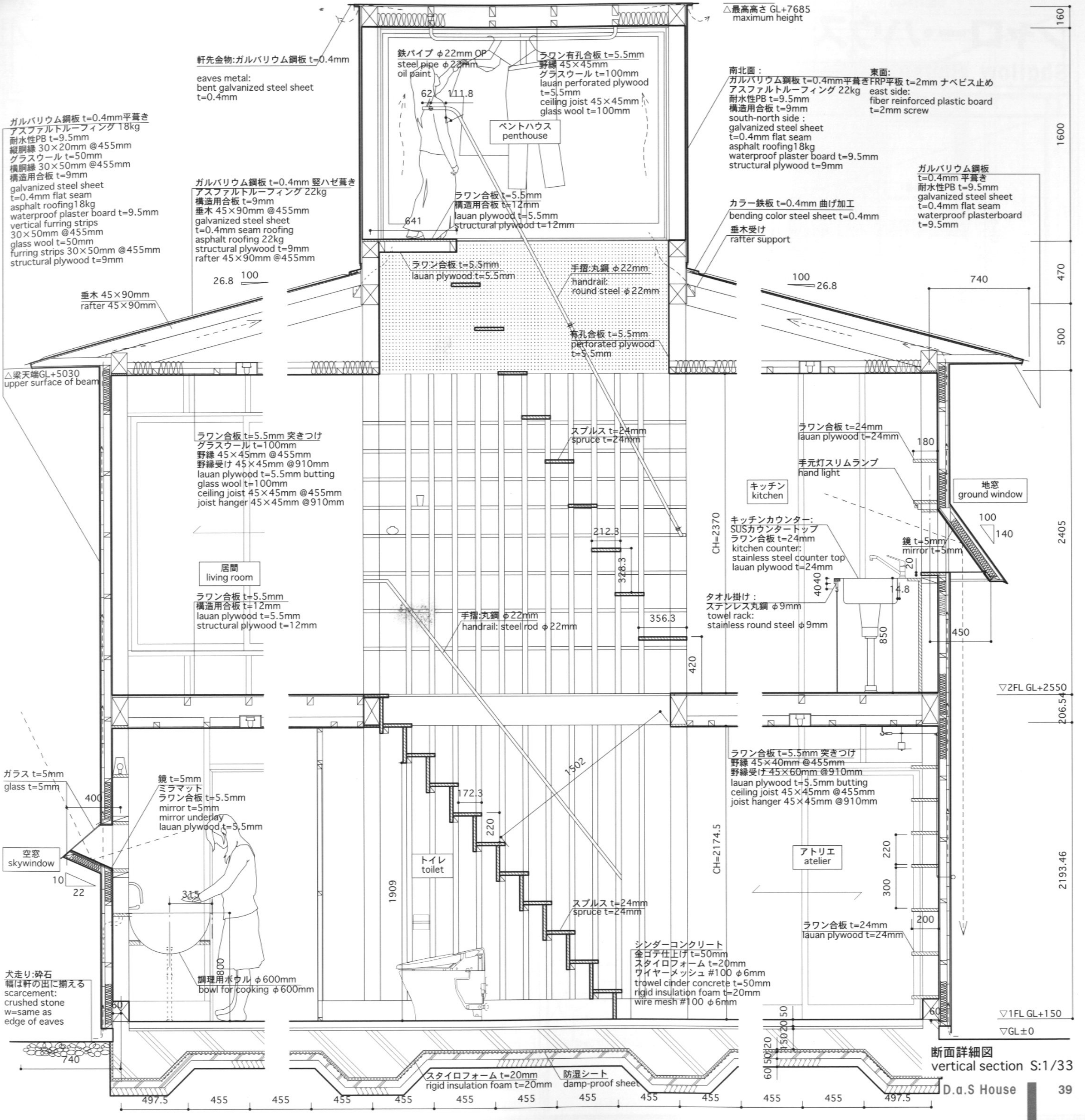
Ⓐ Ⓑ Ⓒ 開口部詳細図 / window detail S:1/10

ダス・ハウス

D.a.S House

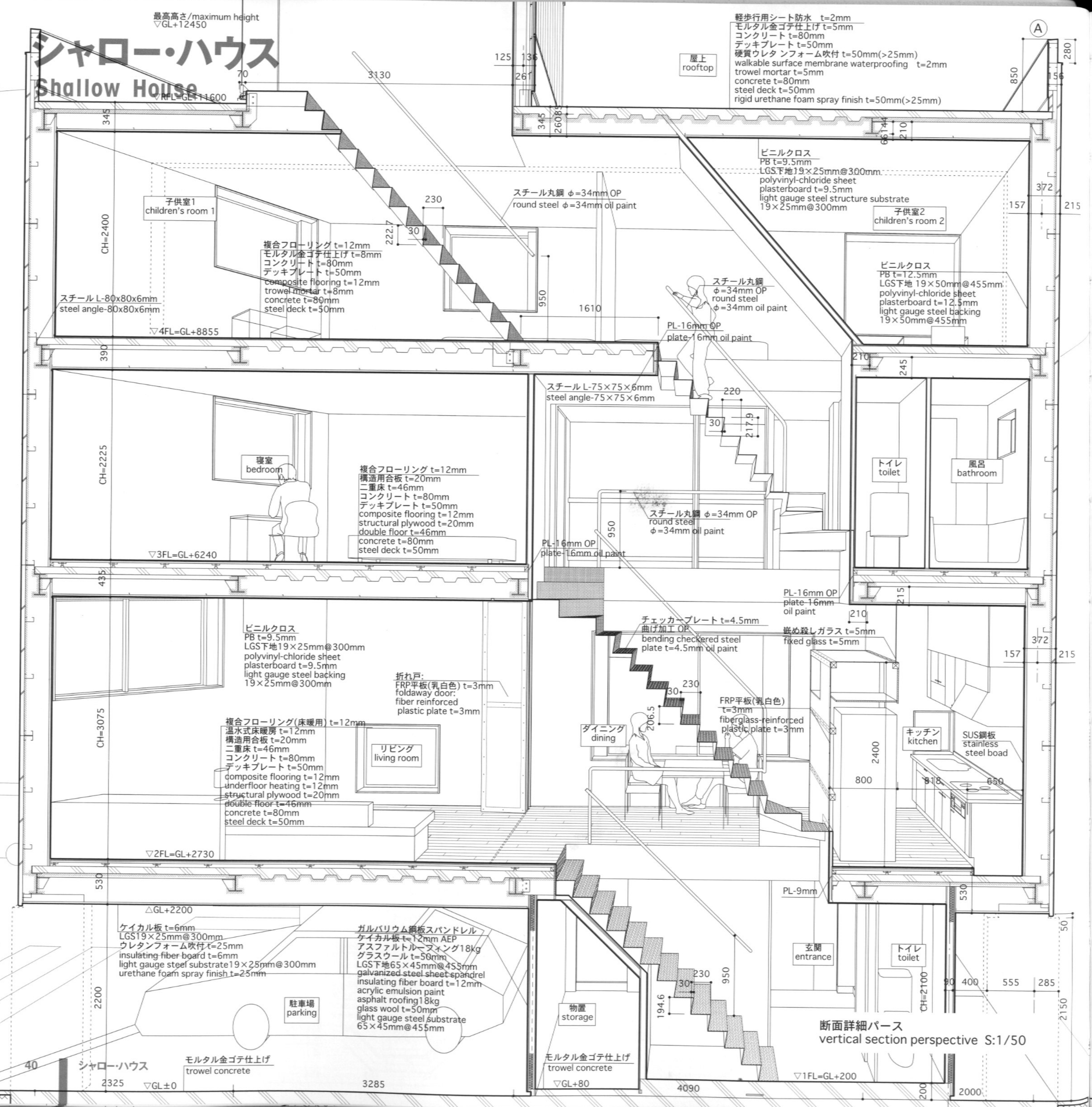


平面詳細図
horizontal section S:1/33

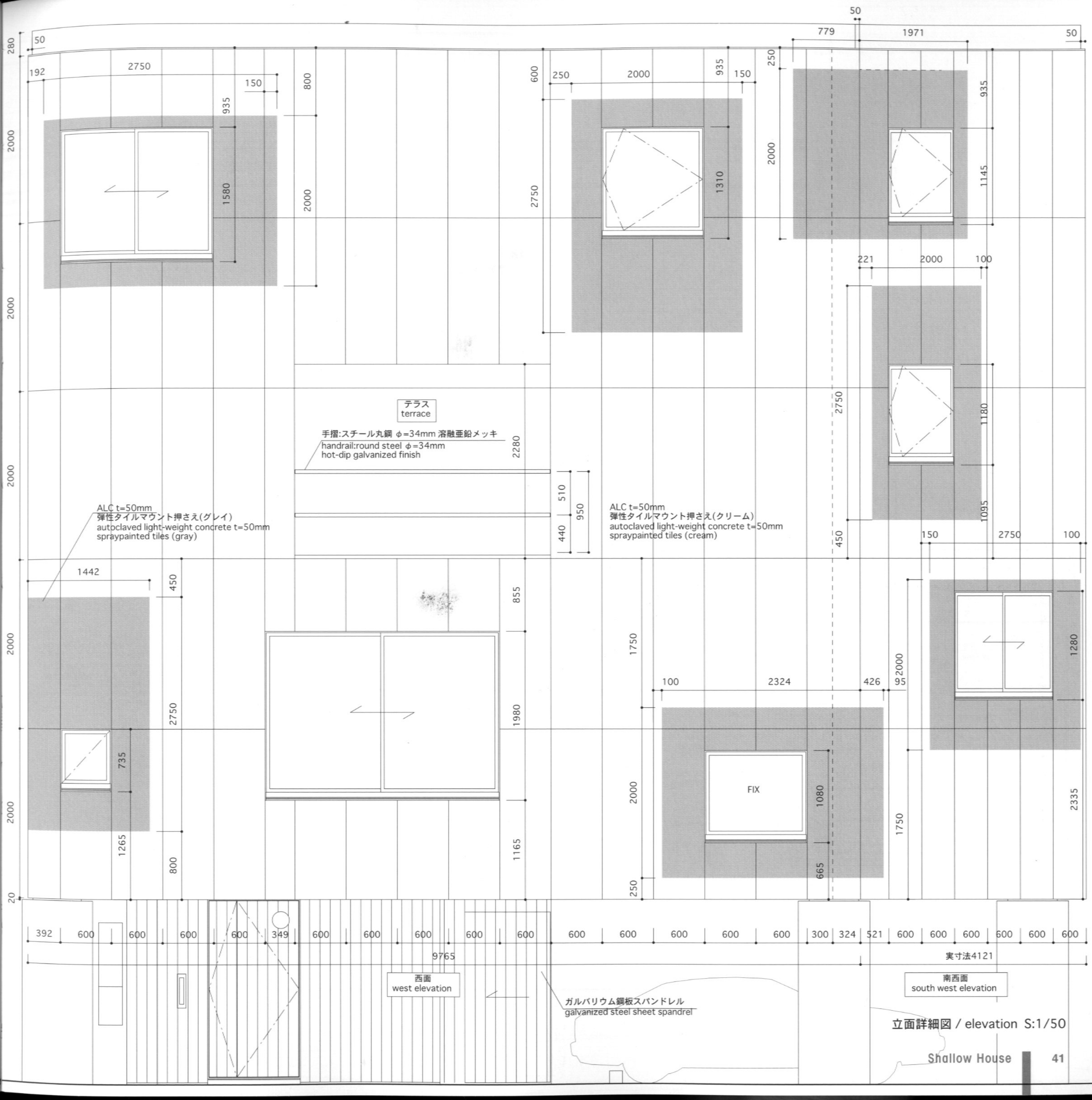


断面詳細図
vertical section S:1/33

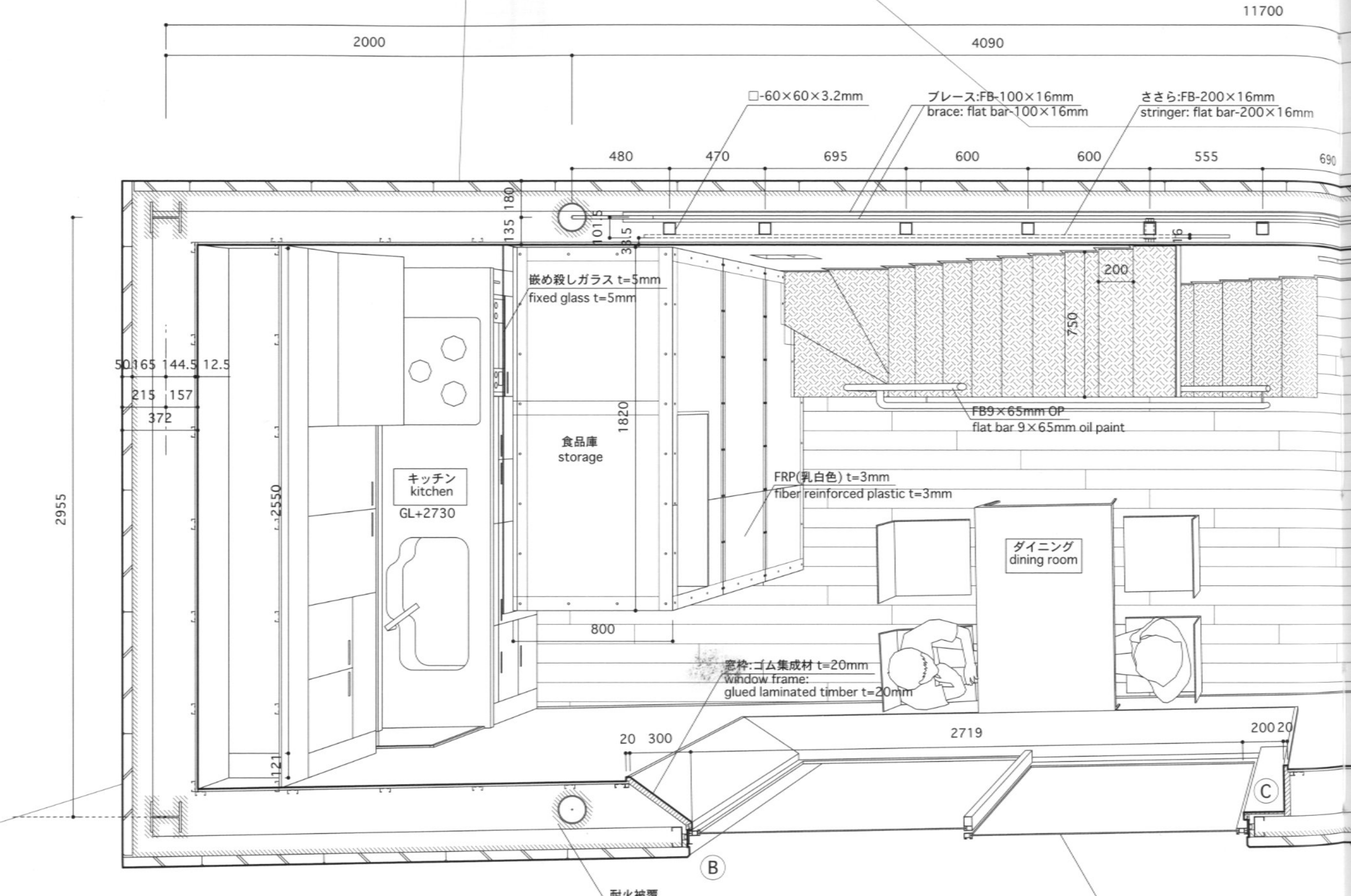
シャロー・ハウス
Shallow House



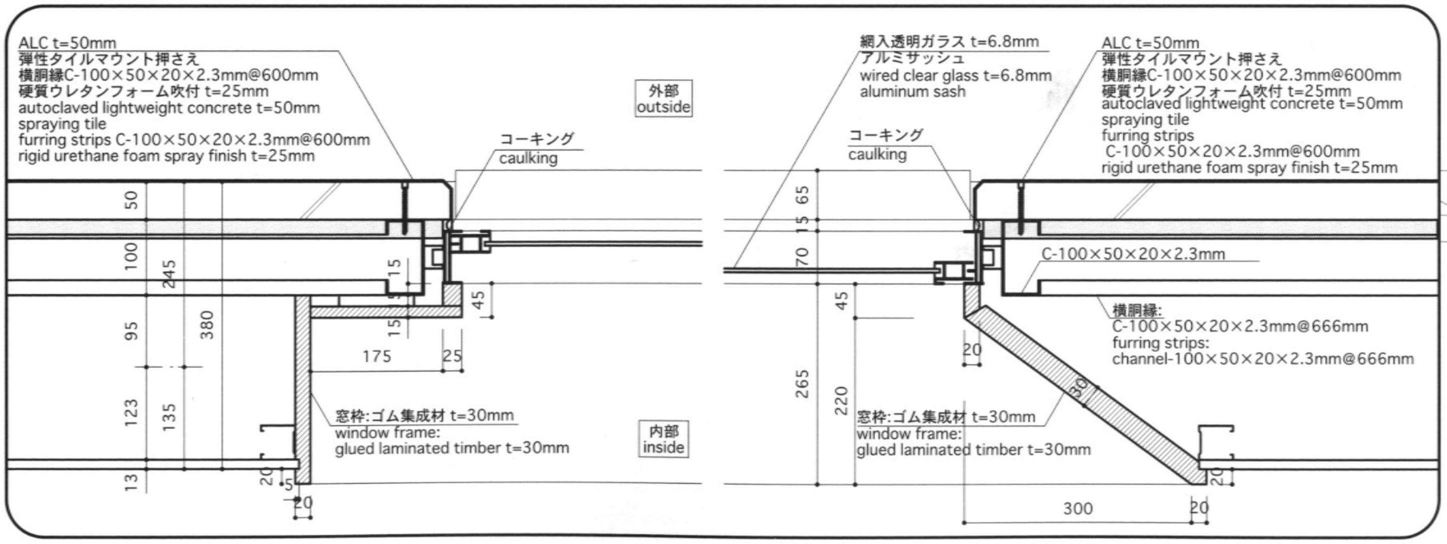
断面詳細パース
vertical section perspective S:1/50


テラス
terrace
手摺:スチール丸鋼 φ=34mm 溶融亜鉛メッキ
handrail:round steel φ=34mm
hot-dip galvanized finish
ALC t=50mm
弾性タイルマウント押さえ(グレイ)
autoclaved light-weight concrete t=50mm
spraypainted tiles (gray)
ALC t=50mm
弾性タイルマウント押さえ(クリーム)
autoclaved light-weight concrete t=50mm
spraypainted tiles (cream)
FIX
西面
west elevation
南西面
south west elevation
ガルバリウム鋼板スパンドレル
galvanized steel sheet spandrel
9765
実寸法4121
392
600
349
300
324
521
2750
2000
1442
2324
1971
779
935
1580
1310
1145
1180
1095
1280
1980
2280
2335
1750
855
1165
1265
800
735
510
440
950
450
665
250
150
100
221
426
95
192
50
280
20

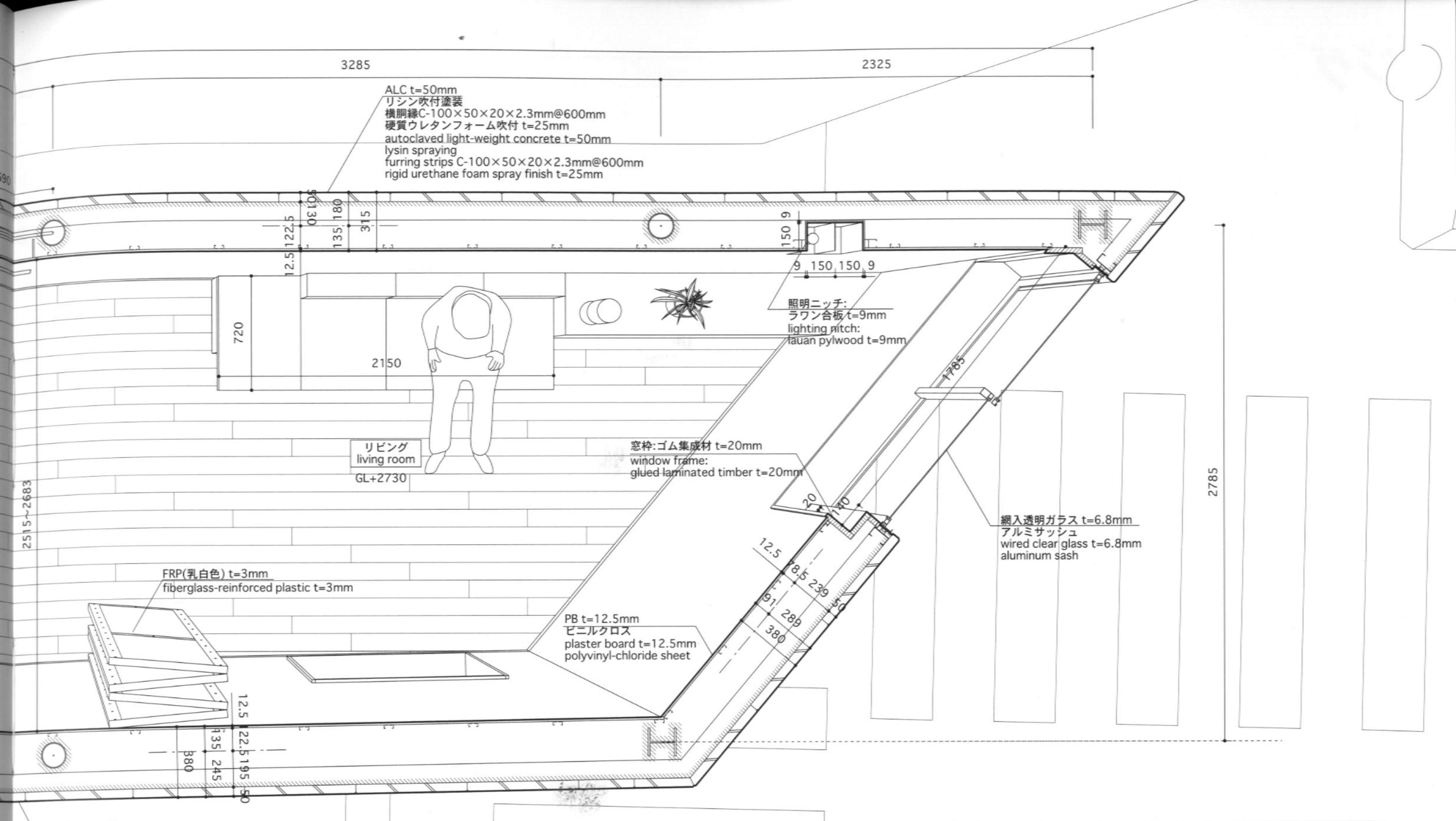
立面詳細図 / elevation S:1/50

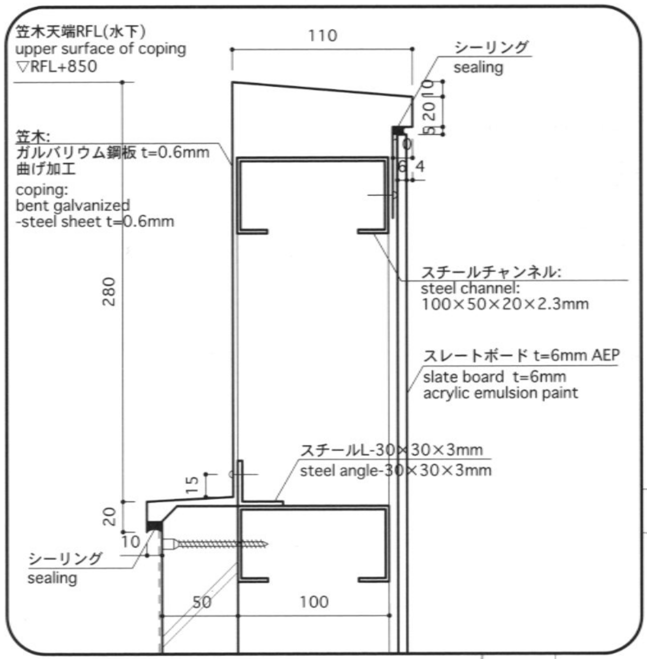


平面詳細パース / horizontal section perspective S:1/30



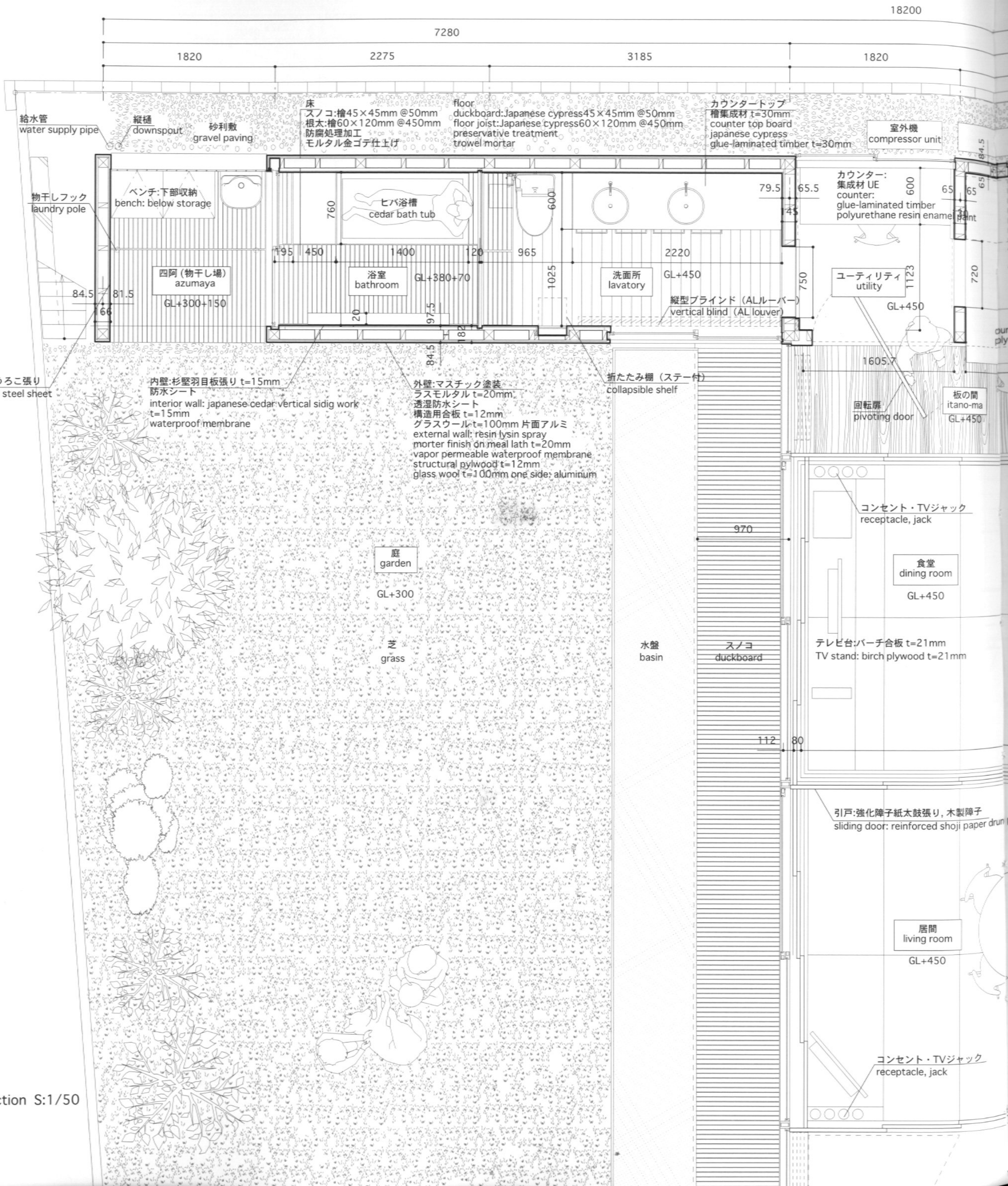
Ⓑ Ⓒ 開口部詳細図 / window detail S:1/10



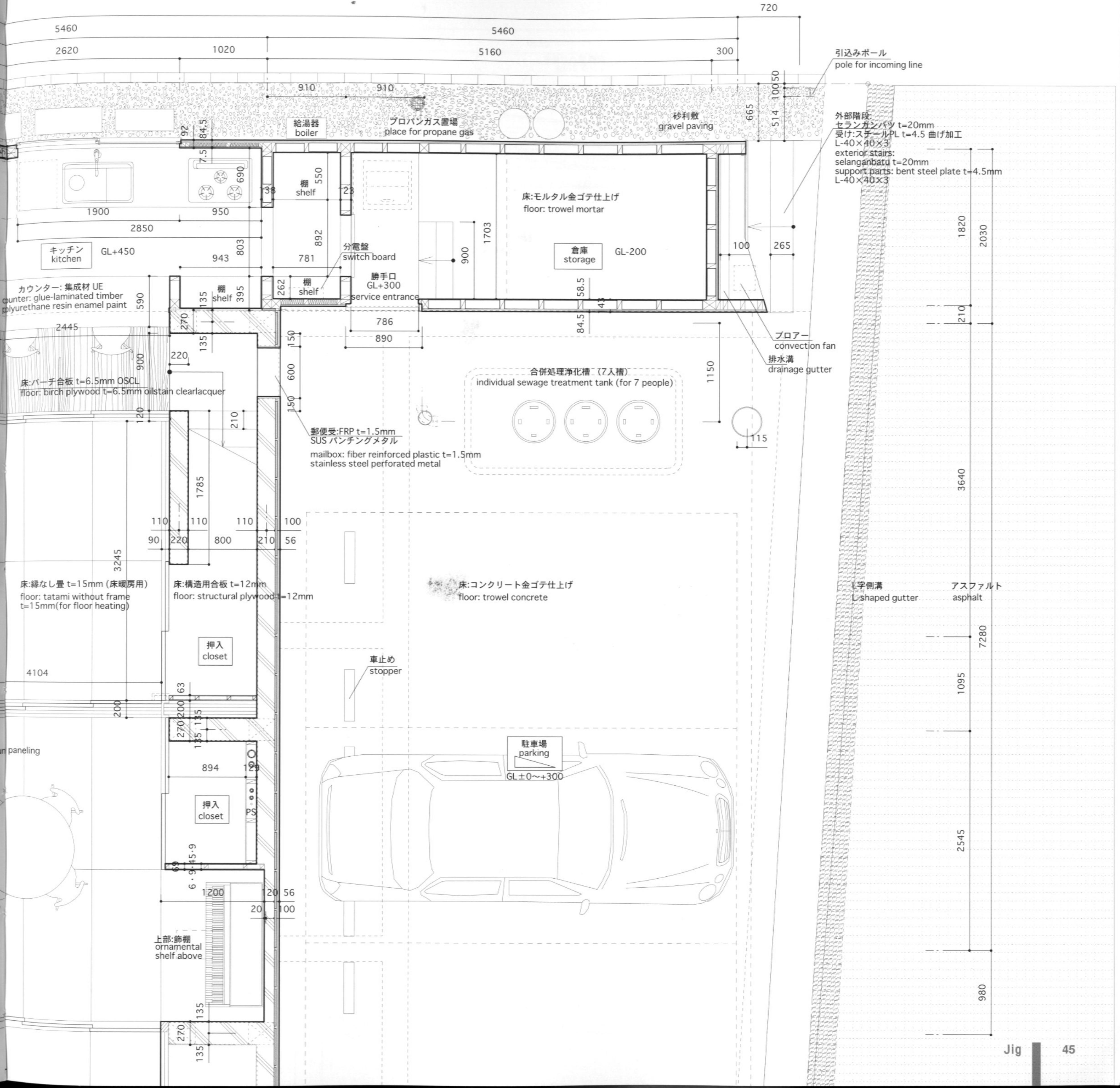


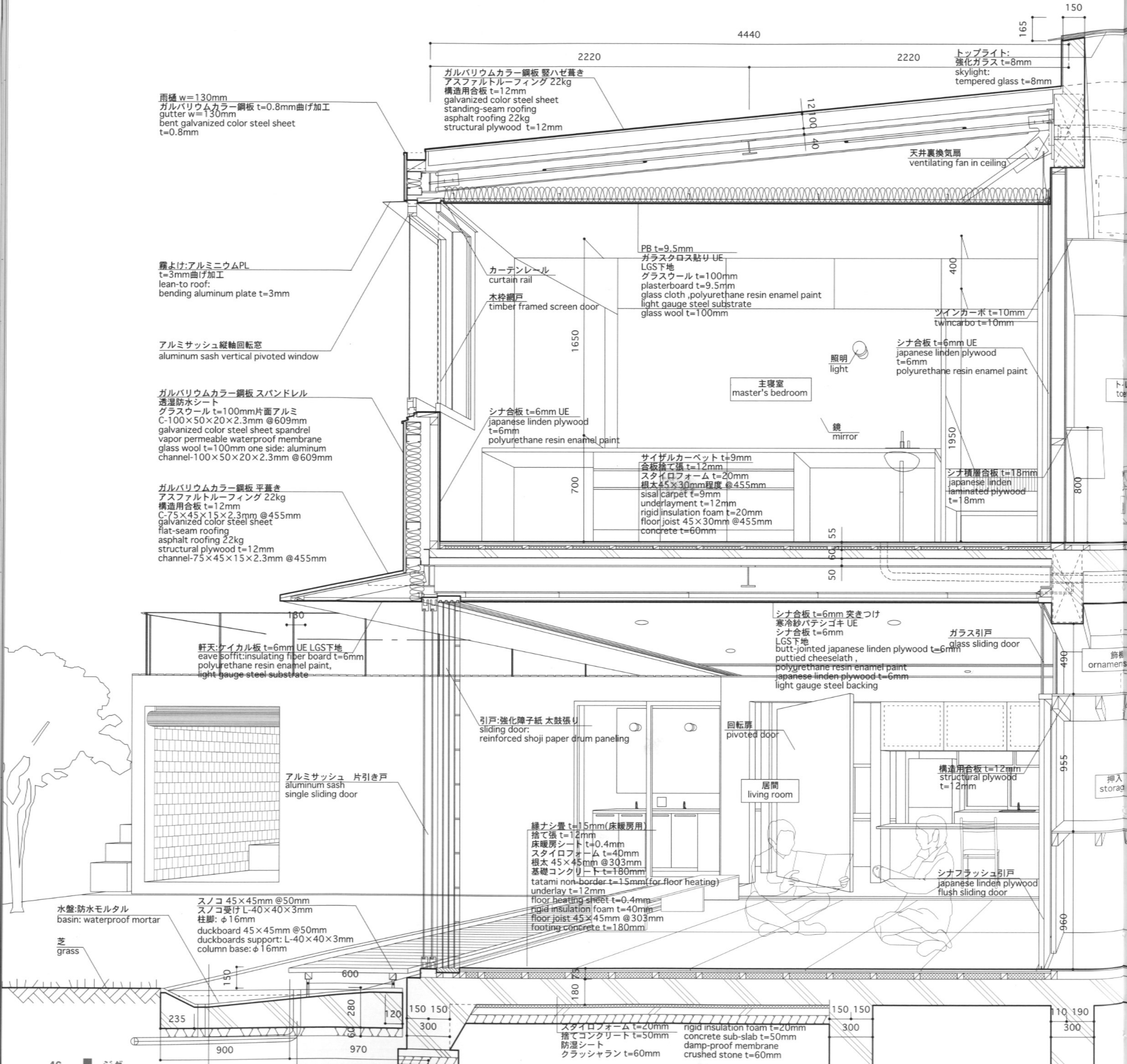
Ⓐ パラペット詳細図 / parapet detail S:1/5

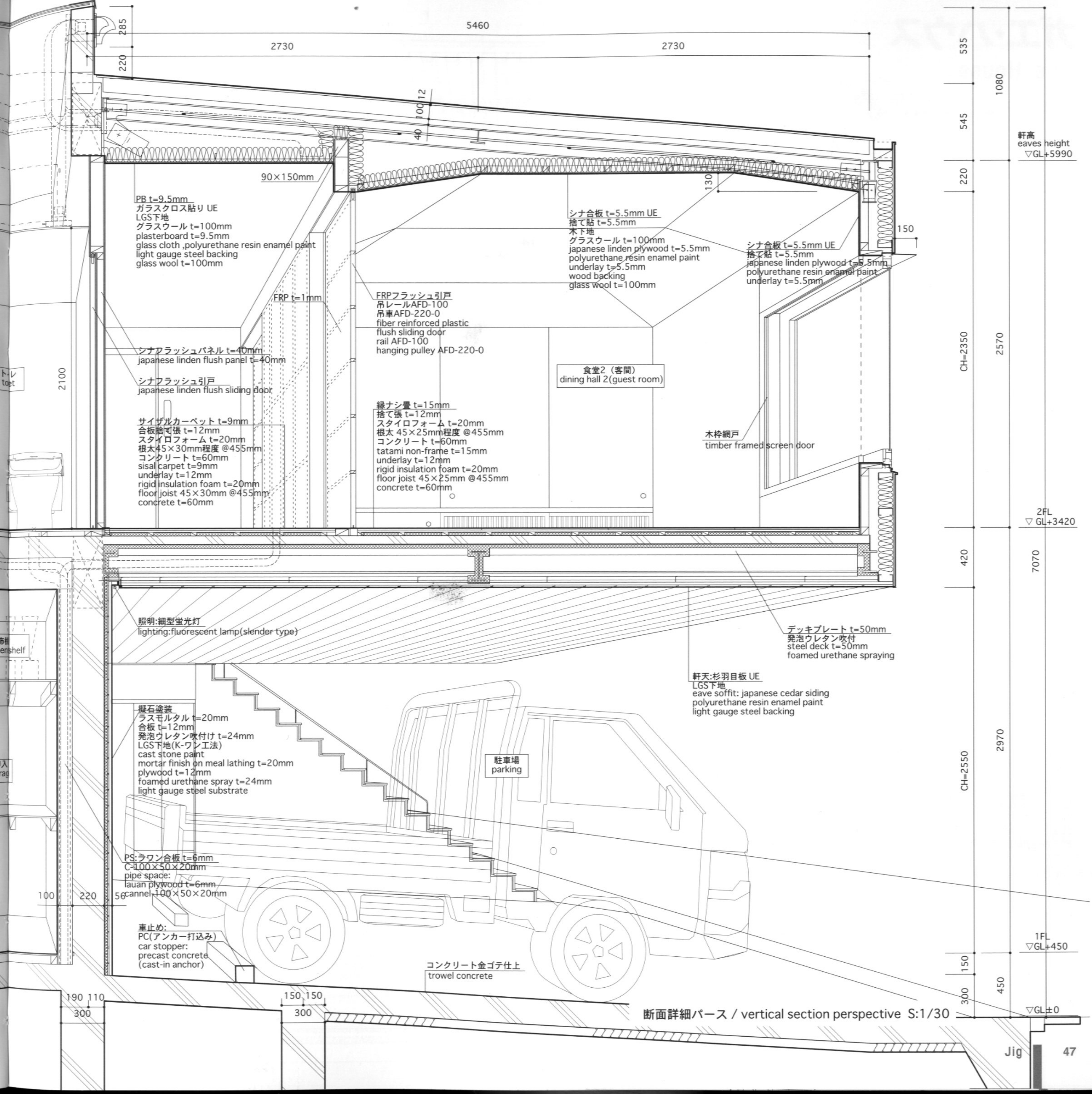
ジグ
Jig



平面詳細図 / horizontal section S:1/50

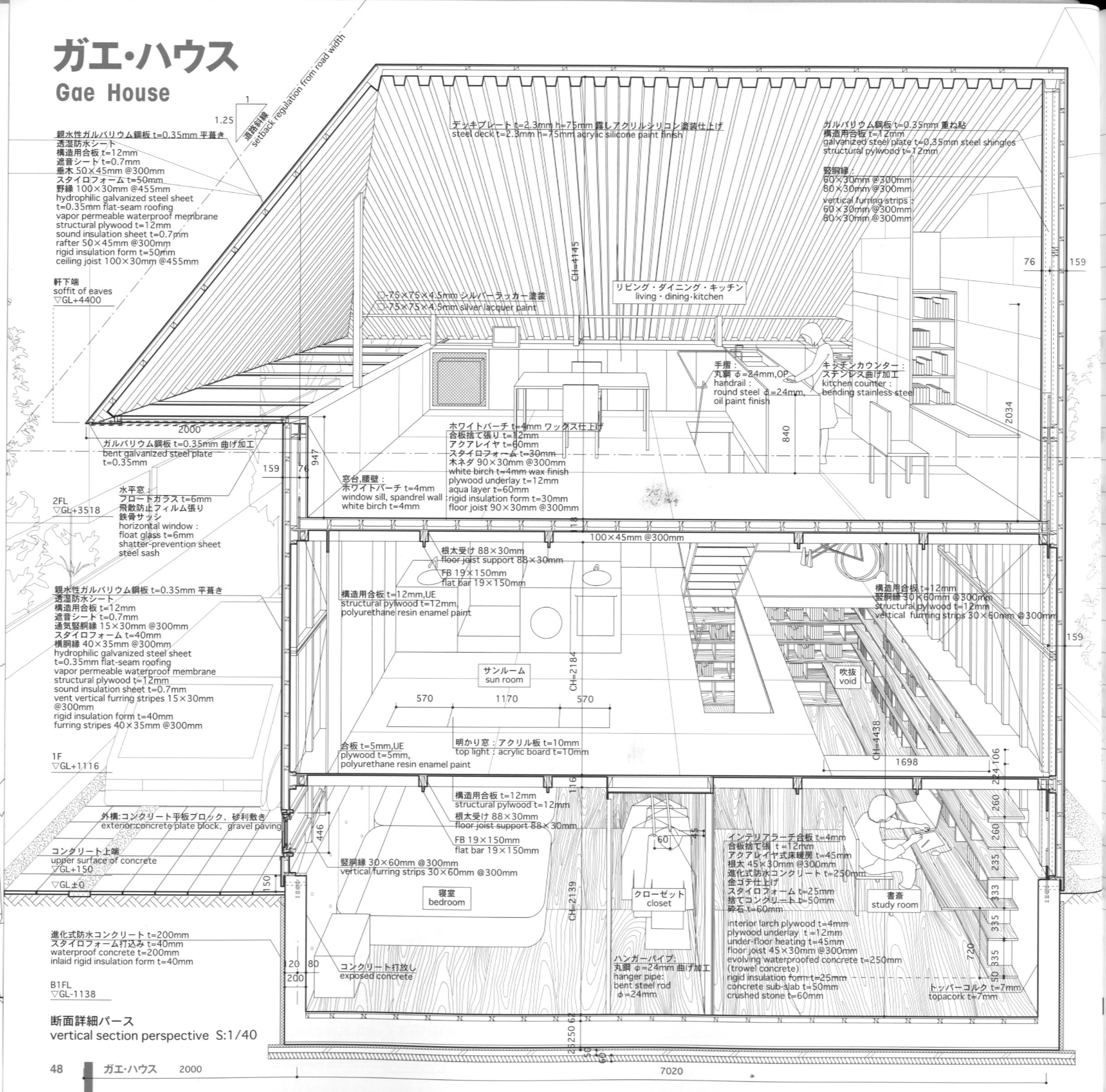

720
5460
5460
2620
1020
5160
300
910
910
1050
100
665
514
引込みポール
pole for incoming line
給湯器
boiler
プロパンガス置場
place for propane gas
砂利敷
gravel paving
外部階段:
セランガンバツ t=20mm
受け:スチールPL t=4.5 曲げ加工
L-40×40×3
exterior stairs:
selanganbatu t=20mm
support parts: bent steel plate t=4.5mm
L-40×40×3
92
84.5
7.5
690
138
550
棚
shelf
123
1900
950
2850
床:モルタル金ゴテ仕上げ
floor: trowel mortar
1703
892
900
1820
2030
キッチン
kitchen
GL+450
803
943
781
分電盤
switch board
倉庫
storage
GL-200
100
265
カウンター: 集成材 UE
counter: glue-laminated timber
polyurethane resin enamel paint
590
135
棚
shelf
395
262
棚
shelf
勝手口
GL+300
service entrance
58.5
43
210
2445
270
786
890
84.5
ブロアー
convection fan
排水溝
drainage gutter
135
150
900
220
600
1150
合併処理浄化槽 (7人槽)
individual sewage treatment tank (for 7 people)
床:バーチ合板 t=6.5mm OSCL
floor: birch plywood t=6.5mm oilstain clearlacquer
150
120
210
郵便受:FRP t=1.5mm
SUS パンチングメタル
mailbox: fiber reinforced plastic t=1.5mm
stainless steel perforated metal
115
1785
3640
110
110
110
100
90
220
800
210
56
3245
床:縁なし畳 t=15mm (床暖房用)
floor: tatami without frame
t=15mm(for floor heating)
床:構造用合板 t=12mm
floor: structural plywood t=12mm
床:コンクリート金ゴテ仕上げ
floor: trowel concrete
L字側溝
L-shaped gutter
アスファルト
asphalt
7280
押入
closet
車止め
stopper
4104
63
1095
200
200
135
270
135
run paneling
駐車場
parking
894
123
GL±0〜+300
押入
closet
PS
2545
69
6・9・45・9
1200
120
56
20
100
上部:飾棚
ornamental
shelf above
135
980
270
135


150
165
4440
2220
2220
トップライト:
強化ガラス t=8mm
skylight:
tempered glass t=8mm
ガルバリウムカラー鋼板 竪ハゼ葺き
アスファルトルーフィング 22kg
構造用合板 t=12mm
galvanized color steel sheet
standing-seam roofing
asphalt roofing 22kg
structural plywood t=12mm
12/100
40
雨樋 w=130mm
ガルバリウムカラー鋼板 t=0.8mm曲げ加工
gutter w=130mm
bent galvanized color steel sheet
t=0.8mm
天井裏換気扇
ventilating fan in ceiling
PB t=9.5mm
ガラスクロス貼り UE
LGS下地
グラスウール t=100mm
plasterboard t=9.5mm
glass cloth ,polyurethane resin enamel paint
light gauge steel substrate
glass wool t=100mm
400
霧よけ:アルミニウムPL
t=3mm曲げ加工
lean-to roof:
bending aluminum plate t=3mm
カーテンレール
curtain rail
木枠網戸
timber framed screen door
ツインカーボ t=10mm
twincarbo t=10mm
1650
アルミサッシュ縦軸回転窓
aluminum sash vertical pivoted window
シナ合板 t=6mm UE
japanese linden plywood
t=6mm
polyurethane resin enamel paint
照明
light
主寝室
master's bedroom
ガルバリウムカラー鋼板 スパンドレル
透湿防水シート
グラスウール t=100mm片面アルミ
C-100×50×20×2.3mm @609mm
galvanized color steel sheet spandrel
vapor permeable waterproof membrane
glass wool t=100mm one side: aluminum
channel-100×50×20×2.3mm @609mm
シナ合板 t=6mm UE
japanese linden plywood
t=6mm
polyurethane resin enamel paint
鏡
mirror
1950
サイザルカーペット t=9mm
合板捨て張 t=12mm
スタイロフォーム t=20mm
根太45×30mm程度 @455mm
sisal carpet t=9mm
underlayment t=12mm
rigid insulation foam t=20mm
floor joist 45×30mm @455mm
concrete t=60mm
シナ積層合板 t=18mm
japanese linden
laminated plywood
t=18mm
700
800
ガルバリウムカラー鋼板 平葺き
アスファルトルーフィング 22kg
構造用合板 t=12mm
C-75×45×15×2.3mm @455mm
galvanized color steel sheet
flat-seam roofing
asphalt roofing 22kg
structural plywood t=12mm
channel-75×45×15×2.3mm @455mm
55
60
50
180
シナ合板 t=6mm 突きつけ
寒冷紗パテシゴキ UE
シナ合板 t=6mm
LGS下地
butt-jointed japanese linden plywood t=6mm
puttied cheeselath ,
polyurethane resin enamel paint
japanese linden plywood t=6mm
light gauge steel backing
ガラス引戸
glass sliding door
490
飾棚
ornamen
軒天:ケイカル板 t=6mm UE LGS下地
eave soffit:insulating fiber board t=6mm
polyurethane resin enamel paint,
light gauge steel substrate
引戸:強化障子紙 太鼓張り
sliding door:
reinforced shoji paper drum paneling
回転扉
pivoted door
トイレ
toi
居間
living room
構造用合板 t=12mm
structural plywood
t=12mm
955
押入
storag
アルミサッシュ 片引き戸
aluminum sash
single sliding door
縁ナシ畳 t=15mm(床暖房用)
捨て張 t=12mm
床暖房シート t=0.4mm
スタイロフォーム t=40mm
根太 45×45mm @303mm
基礎コンクリート t=180mm
tatami non-border t=15mm(for floor heating)
underlay t=12mm
floor heating sheet t=0.4mm
rigid insulation foam t=40mm
floor joist 45×45mm @303mm
footing concrete t=180mm
シナフラッシュ引戸
japanese linden plywood
flush sliding door
960
水盤:防水モルタル
basin: waterproof mortar
スノコ 45×45mm @50mm
スノコ受け L-40×40×3mm
柱脚: φ16mm
duckboard 45×45mm @50mm
duckboards support: L-40×40×3mm
column base: φ16mm
芝
grass
150
600
180
280
235
120
60
150 150
300
900
970
スタイロフォーム t=20mm
捨てコンクリート t=50mm
防湿シート
クラッシャラン t=60mm
rigid insulation foam t=20mm
concrete sub-slab t=50mm
damp-proof membrane
crushed stone t=60mm
150 150
300
110 190
300



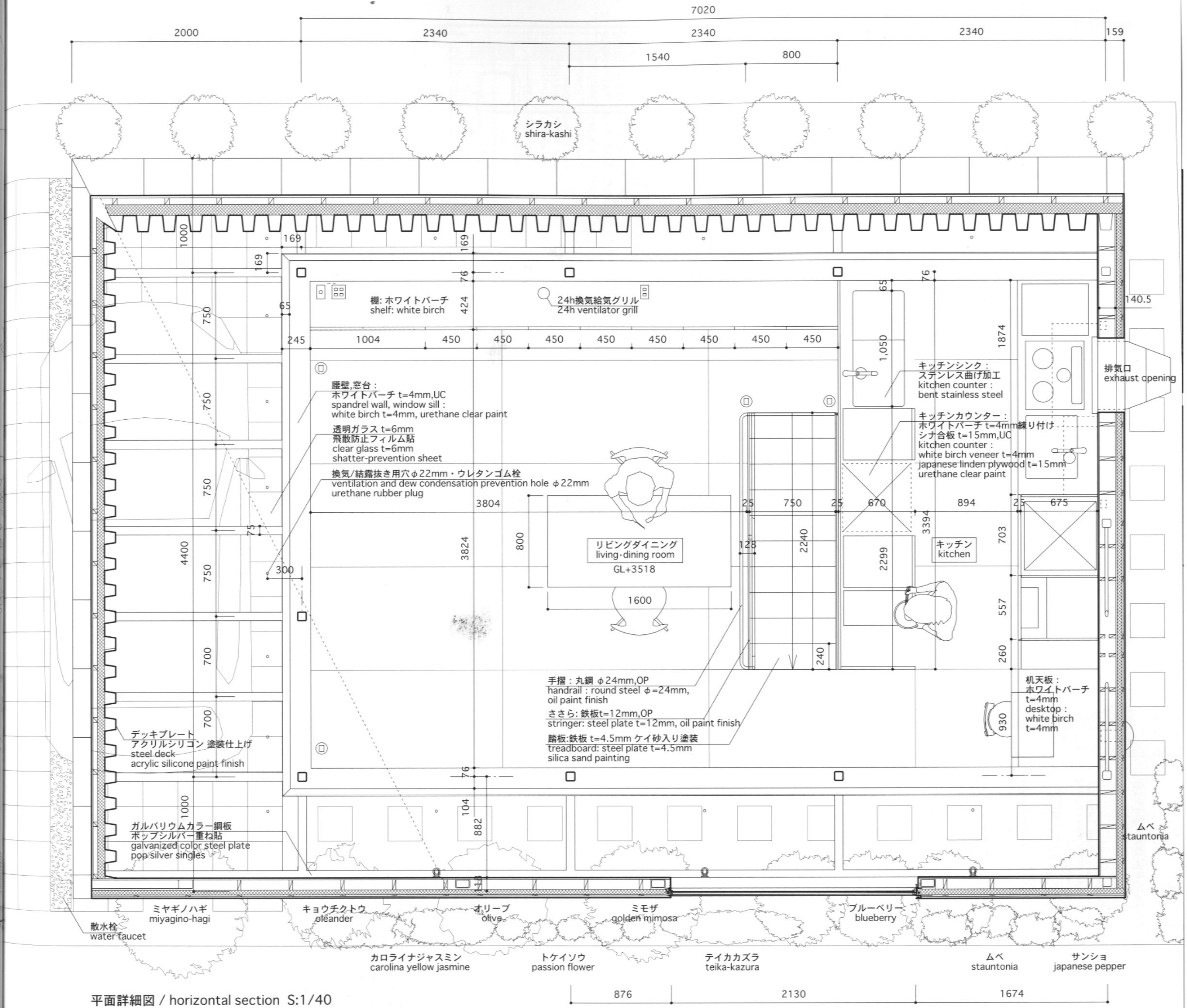
断面詳細パース / vertical section perspective S:1/30

ガエ・ハウス
Gae House

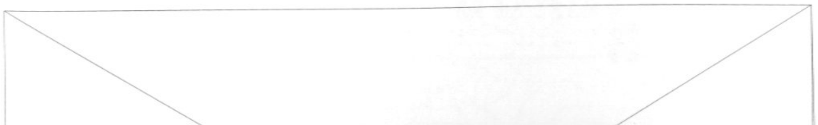


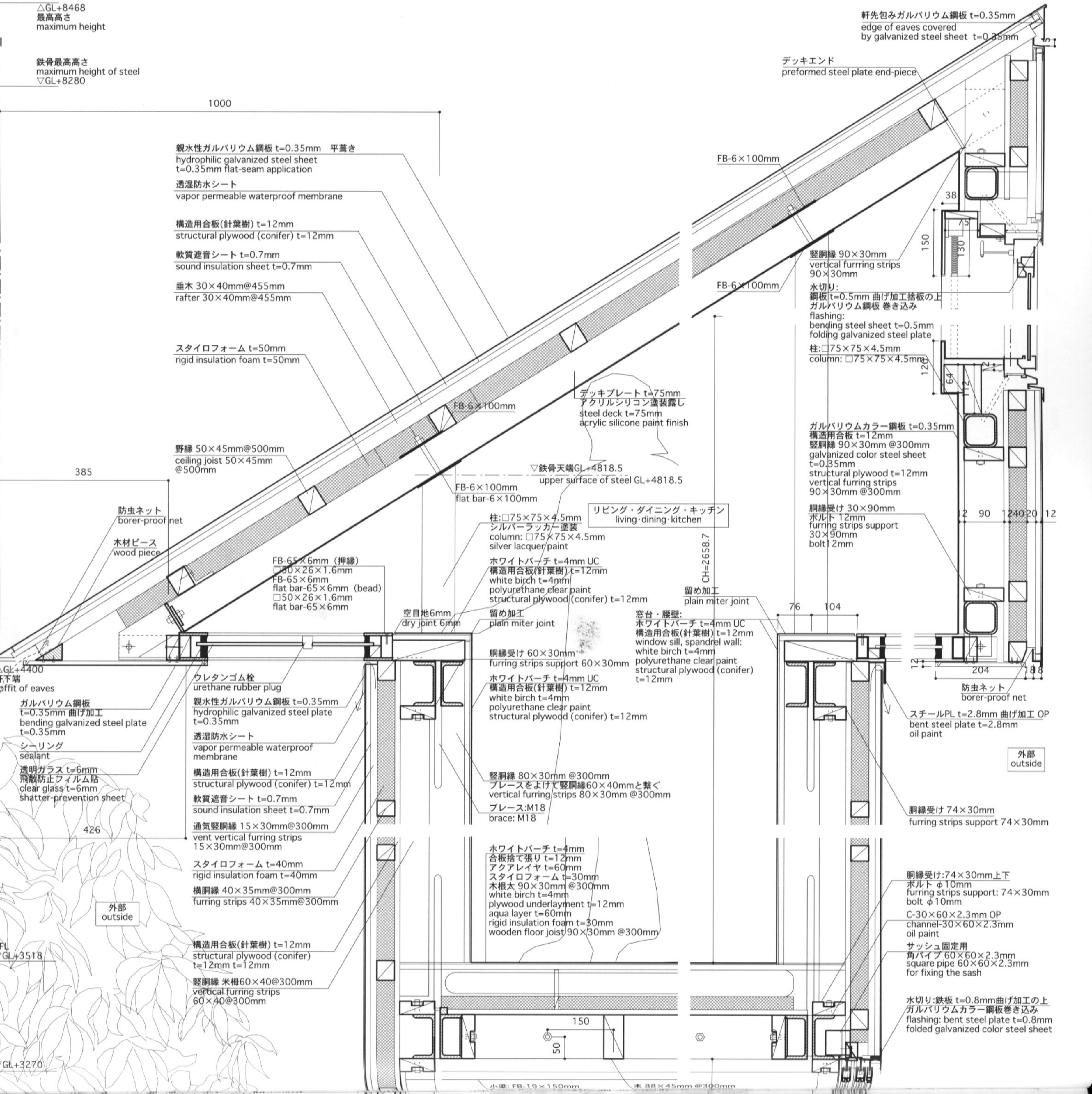
1
1.25
道路斜線
setback regulation from road width
親水性ガルバリウム鋼板 t=0.35mm 平葺き
透湿防水シート
構造用合板 t=12mm
遮音シート t=0.7mm
垂木 50×45mm @300mm
スタイロフォーム t=50mm
野縁 100×30mm @455mm
hydrophilic galvanized steel sheet
t=0.35mm flat-seam roofing
vapor permeable waterproof membrane
structural plywood t=12mm
sound insulation sheet t=0.7mm
rafter 50×45mm @300mm
rigid insulation form t=50mm
ceiling joist 100×30mm @455mm
軒下端
soffit of eaves
▽GL+4400
デッキプレート t=2.3mm h=75mm 露しアクリルシリコン塗装仕上げ
steel deck t=2.3mm h=75mm acrylic silicone paint finish
ガルバリウム鋼板 t=0.35mm 重ね貼
構造用合板 t=12mm
galvanized steel plate t=0.35mm steel shingles
structural pylwood t=12mm
竪胴縁
60×30mm @300mm
80×30mm @300mm
vertical furring strips :
60×30mm @300mm
80×30mm @300mm
CH=4145
76
159
リビング・ダイニング・キッチン
living・dining・kitchen
□-75×75×4.5mm シルバーラッカー塗装
□-75×75×4.5mm silver lacquer paint
手摺 :
丸鋼 φ=24mm,OP
handrail :
round steel φ=24mm,
oil paint finish
キッチンカウンター :
ステンレス曲げ加工
kitchen counter :
bending stainless steel
2034
840
2000
ガルバリウム鋼板 t=0.35mm 曲げ加工
bent galvanized steel plate
t=0.35mm
159
76
947
ホワイトバーチ t=4mm ワックス仕上げ
合板捨て張り t=12mm
アクアレイヤ t=60mm
スタイロフォーム t=30mm
木ネダ 90×30mm @300mm
white birch t=4mm wax finish
plywood underlay t=12mm
aqua layer t=60mm
rigid insulation form t=30mm
floor joist 90×30mm @300mm
窓台,腰壁 :
ホワイトバーチ t=4mm
window sill, spandrel wall :
white birch t=4mm
2FL
▽GL+3518
水平窓 :
フロートガラス t=6mm
飛散防止フィルム張り
鉄骨サッシ
horizontal window :
float glass t=6mm
shatter-prevention sheet
steel sash
118
100×45mm @300mm
根太受け 88×30mm
floor joist support 88×30mm
FB 19×150mm
flat bar 19×150mm
構造用合板 t=12mm,UE
structural pylwood t=12mm,
polyurethane resin enamel paint
構造用合板 t=12mm
竪胴縁 30×60mm @300mm
structural pylwood t=12mm
vertical furring strips 30×60mm @300mm
159
親水性ガルバリウム鋼板 t=0.35mm 平葺き
透湿防水シート
構造用合板 t=12mm
遮音シート t=0.7mm
通気竪胴縁 15×30mm @300mm
スタイロフォーム t=40mm
横胴縁 40×35mm @300mm
hydrophilic galvanized steel sheet
t=0.35mm flat-seam roofing
vapor permeable waterproof membrane
structural plywood t=12mm
sound insulation sheet t=0.7mm
vent vertical furring stripes 15×30mm
@300mm
rigid insulation form t=40mm
furring stripes 40×35mm @300mm
サンルーム
sun room
CH=2184
吹抜
void
570
1170
570
明かり窓 : アクリル板 t=10mm
top light : acrylic board t=10mm
合板 t=5mm,UE
plywood t=5mm,
polyurethane resin enamel paint
CH=4438
1698
106
224
1F
▽GL+1116
116
構造用合板 t=12mm
structural pylwood t=12mm
根太受け 88×30mm
floor joist support 88×30mm
FB 19×150mm
flat bar 19×150mm
竪胴縁 30×60mm @300mm
vertical furring strips 30×60mm @300mm
外構:コンクリート平板ブロック、砂利敷き
exterior:concrete plate block、gravel paving
446
コンクリート上端
upper surface of concrete
▽GL+150
▽GL±0
150
60
45
インテリアラーチ合板 t=4mm
合板捨て張 t=12mm
アクアレイヤ式床暖房 t=45mm
根太 45×30mm @300mm
進化式防水コンクリート t=250mm
金ゴテ仕上げ
スタイロフォーム t=25mm
捨てコンクリート t=50mm
砕石 t=60mm
interior larch plywood t=4mm
plywood underlay t=12mm
under-floor heating t=45mm
floor joist 45×30mm @300mm
evolving waterproofed concrete t=250mm
(trowel concrete)
rigid insulation form t=25mm
concrete sub-slab t=50mm
crushed stone t=60mm
260
260
235
333
335
335
50
720
寝室
bedroom
CH=2139
クローゼット
closet
書斎
study room
進化式防水コンクリート t=200mm
スタイロフォーム打込み t=40mm
waterproof concrete t=200mm
inlaid rigid insulation form t=40mm
120
80
200
コンクリート打放し
exposed concrete
ハンガーパイプ :
丸鋼 φ=24mm 曲げ加工
hanger pipe :
bent steel rod
φ=24mm
トッパーコルク t=7mm
topacork t=7mm
B1FL
▽GL-1138
62
250
25
50
60
7020

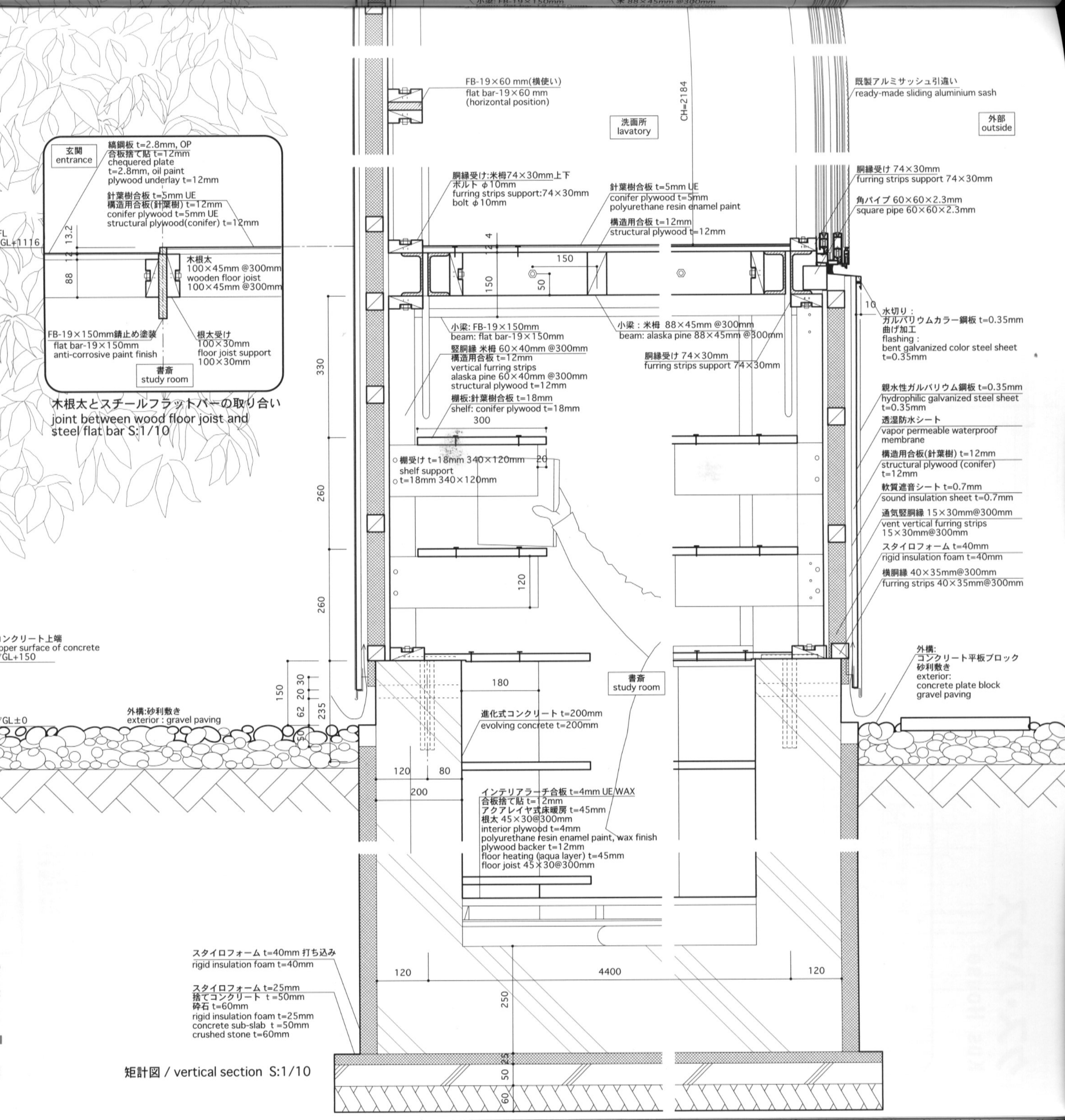
断面詳細パース
vertical section perspective S:1/40



平面詳細図 / horizontal section S:1/40



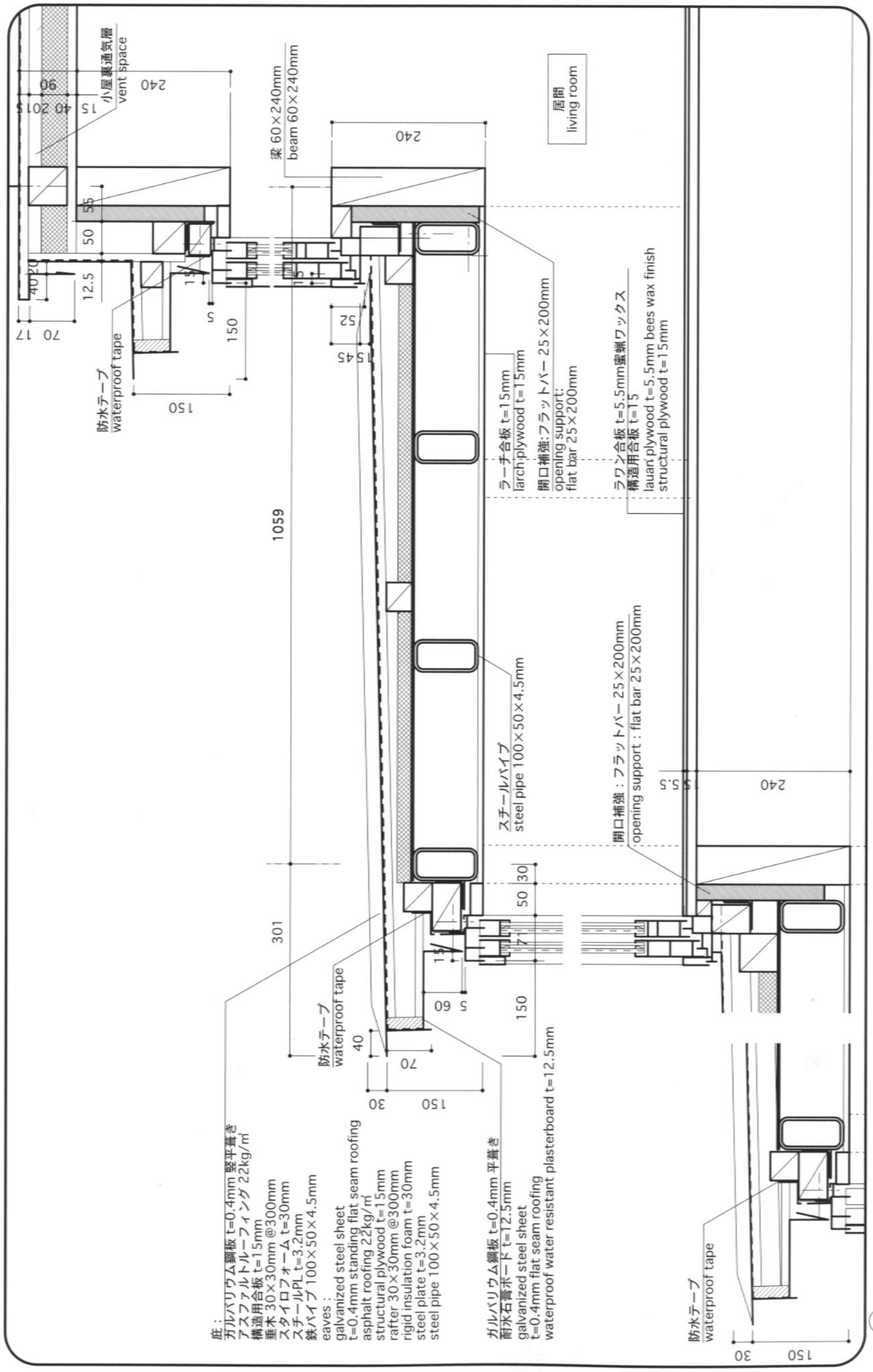

△GL+8468
最高高さ
maximum height
鉄骨最高高さ
maximum height of steel
▽GL+8280
1000
3995
385
426
親水性ガルバリウム鋼板 t=0.35mm 平葺き
hydrophilic galvanized steel sheet t=0.35mm flat-seam application
透湿防水シート
vapor permeable waterproof membrane
構造用合板(針葉樹) t=12mm
structural plywood (conifer) t=12mm
軟質遮音シート t=0.7mm
sound insulation sheet t=0.7mm
垂木 30×40mm@455mm
rafter 30×40mm@455mm
スタイロフォーム t=50mm
rigid insulation foam t=50mm
野縁 50×45mm@500mm
ceiling joist 50×45mm @500mm
防虫ネット
borer-proof net
木材ピース
wood piece
△GL+4400
軒下端
soffit of eaves
ガルバリウム鋼板 t=0.35mm 曲げ加工
bending galvanized steel plate t=0.35mm
シーリング
sealant
透明ガラス t=6mm 飛散防止フィルム貼
clear glass t=6mm shatter-prevention sheet
外部
outside
2FL
▽GL+3518
▽GL+3270
軒先包みガルバリウム鋼板 t=0.35mm
edge of eaves covered by galvanized steel sheet t=0.35mm
デッキエンド
preformed steel plate end-piece
FB-6×100mm
FB-6×100mm
FB-6×100mm
FB-6×100mm
flat bar-6×100mm
38
150
130
75
120
64
112
竪胴縁 90×30mm
vertical furrring strips 90×30mm
水切り:
鋼板 t=0.5mm 曲げ加工捨板の上 ガルバリウム鋼板 巻き込み
flashing:
bending steel sheet t=0.5mm
folding galvanized steel plate
柱:□75×75×4.5mm
column: □75×75×4.5mm
デッキプレート t=75mm
アクリルシリコン塗装露し
steel deck t=75mm
acrylic silicone paint finish
▽鉄骨天端GL+4818.5
upper surface of steel GL+4818.5
リビング・ダイニング・キッチン
living·dining·kitchen
ガルバリウムカラー鋼板 t=0.35mm
構造用合板 t=12mm
竪胴縁 90×30mm @300mm
galvanized color steel sheet t=0.35mm
structural plywood t=12mm
vertical furring strips 90×30mm @300mm
胴縁受け 30×90mm
ボルト 12mm
furring strips support 30×90mm
bolt12mm
2 90 12 40 20 12
CH=2658.7
柱:□75×75×4.5mm
シルバーラッカー塗装
column: □75×75×4.5mm
silver lacquer paint
FB-65×6mm (押縁)
□50×26×1.6mm
FB-65×6mm
flat bar-65×6mm (bead)
□50×26×1.6mm
flat bar-65×6mm
空目地6mm
dry joint 6mm
ホワイトバーチ t=4mm UC
構造用合板(針葉樹) t=12mm
white birch t=4mm
polyurethane clear paint
structural plywood (conifer) t=12mm
留め加工
plain miter joint
留め加工
plain miter joint
窓台・腰壁:
ホワイトバーチ t=4mm UC
構造用合板(針葉樹) t=12mm
window sill, spandrel wall:
white birch t=4mm
polyurethane clear paint
structural plywood (conifer) t=12mm
76
104
12
204
18 8
防虫ネット
borer-proof net
スチールPL t=2.8mm 曲げ加工 OP
bent steel plate t=2.8mm
oil paint
外部
outside
ウレタンゴム栓
urethane rubber plug
親水性ガルバリウム鋼板 t=0.35mm
hydrophilic galvanized steel plate t=0.35mm
透湿防水シート
vapor permeable waterproof membrane
構造用合板(針葉樹) t=12mm
structural plywood (conifer) t=12mm
軟質遮音シート t=0.7mm
sound insulation sheet t=0.7mm
通気竪胴縁 15×30mm@300mm
vent vertical furring strips 15×30mm@300mm
スタイロフォーム t=40mm
rigid insulation foam t=40mm
横胴縁 40×35mm@300mm
furring strips 40×35mm@300mm
構造用合板(針葉樹) t=12mm
structural plywood (conifer) t=12mm t=12mm
竪胴縁 米栂60×40@300mm
vertical furring strips 60×40@300mm
胴縁受け 60×30mm
furring strips support 60×30mm
ホワイトバーチ t=4mm UC
構造用合板(針葉樹) t=12mm
white birch t=4mm
polyurethane clear paint
structural plywood (conifer) t=12mm
竪胴縁 80×30mm @300mm
ブレースをよけて竪胴縁60×40mmと繋ぐ
vertical furring strips 80×30mm @300mm
ブレース:M18
brace: M18
胴縁受け 74×30mm
furring strips support 74×30mm
ホワイトバーチ t=4mm
合板捨て張り t=12mm
アクアレイヤ t=60mm
スタイロフォーム t=30mm
木根太 90×30mm @300mm
white birch t=4mm
plywood underlayment t=12mm
aqua layer t=60mm
rigid insulation foam t=30mm
wooden floor joist 90×30mm @300mm
胴縁受け:74×30mm上下
ボルト φ10mm
furring strips support: 74×30mm
bolt φ10mm
C-30×60×2.3mm OP
channel-30×60×2.3mm
oil paint
サッシュ固定用
角パイプ 60×60×2.3mm
square pipe 60×60×2.3mm
for fixing the sash
水切り:鉄板 t=0.8mm曲げ加工の上
ガルバリウムカラー鋼板巻き込み
flashing: bent steel plate t=0.8mm
folded galvanized color steel sheet
150
50
小梁: FB-19×150mm
木 88×45mm @300mm



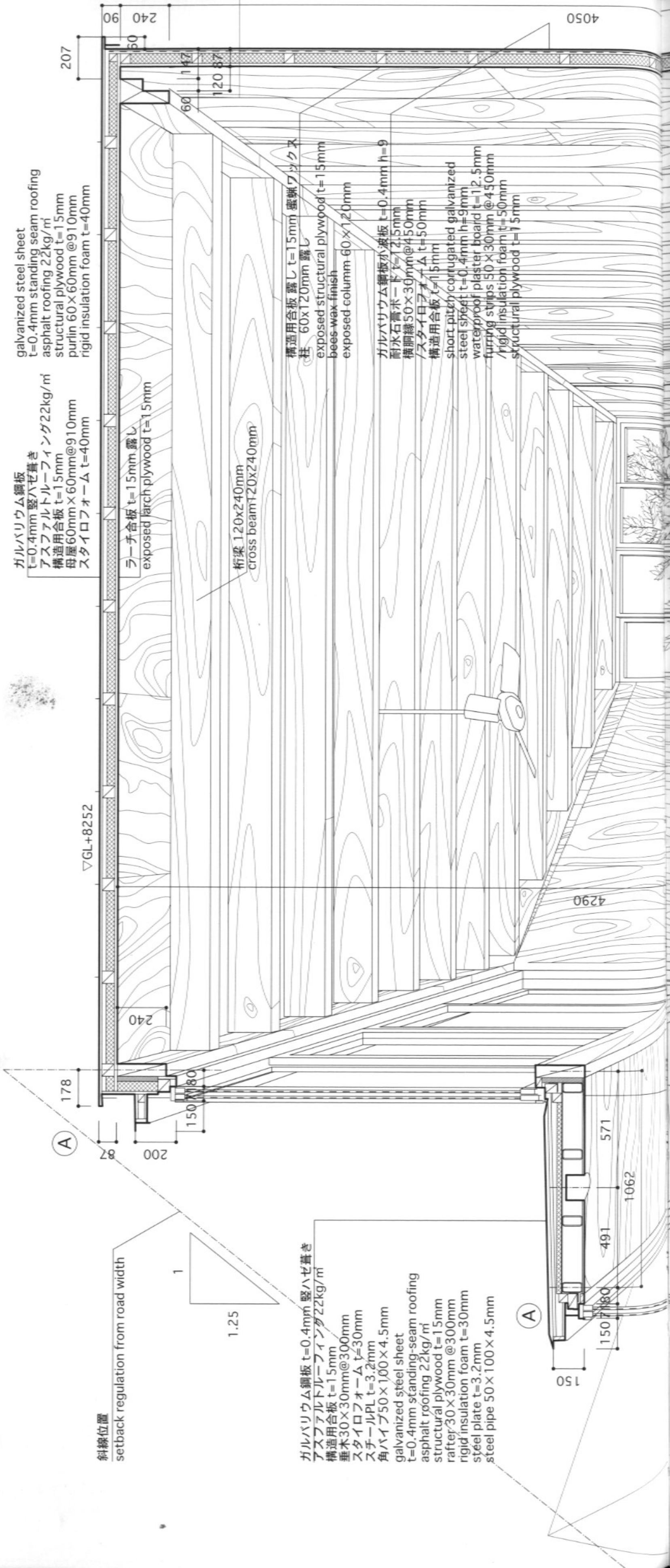
木根太とスチールフラットバーの取り合い
joint between wood floor joist and
steel flat bar S:1/10

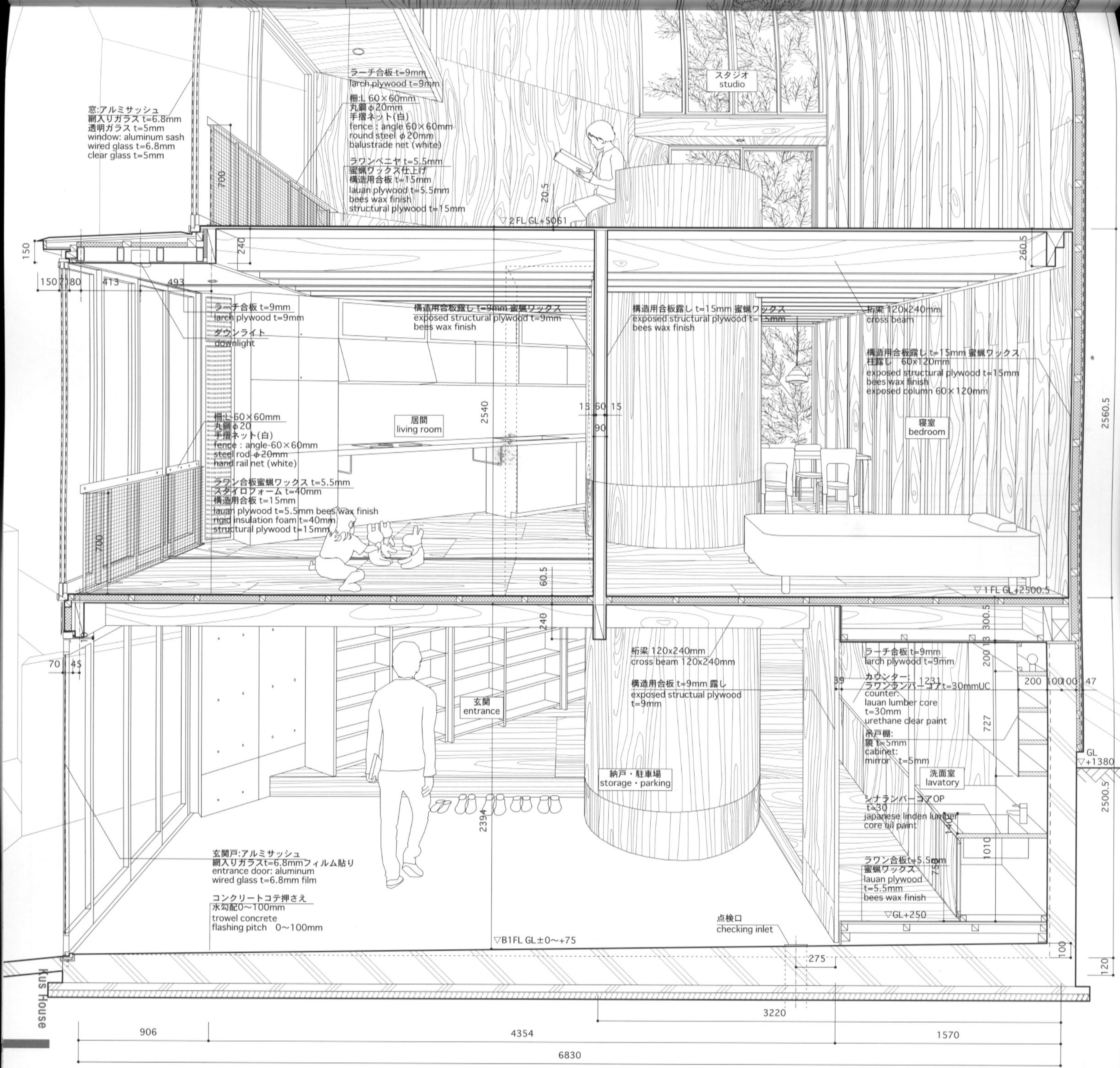
矩計図 / vertical section S:1/10

クス・ハウス
Kus House

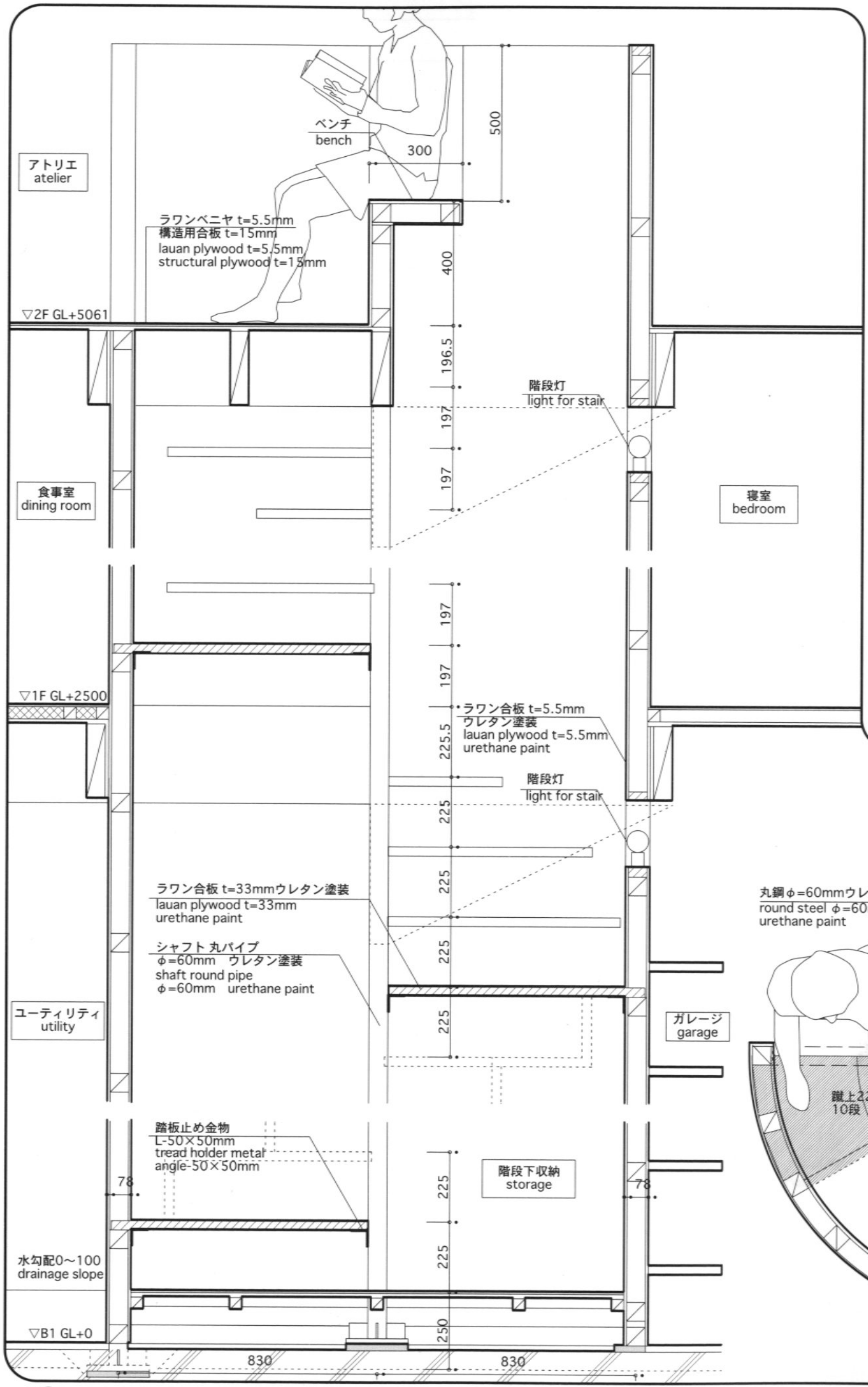


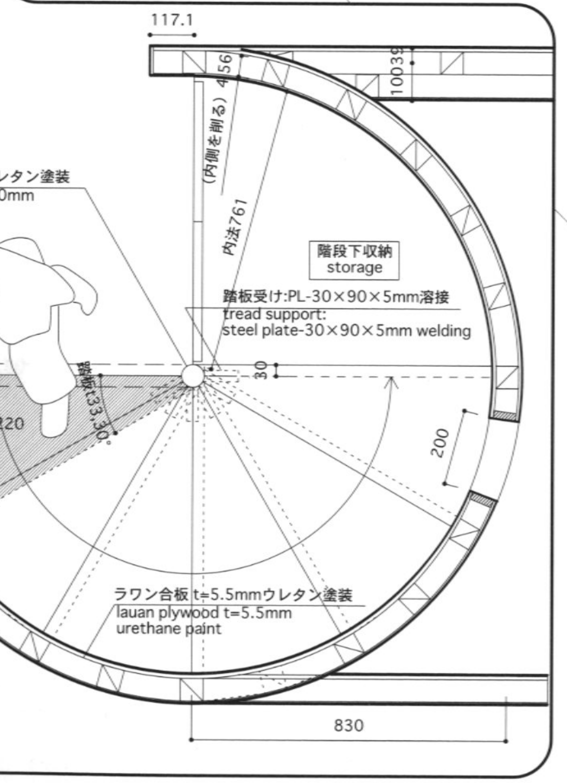
Ⓐ 開口部詳細図 / window detail S:1/10



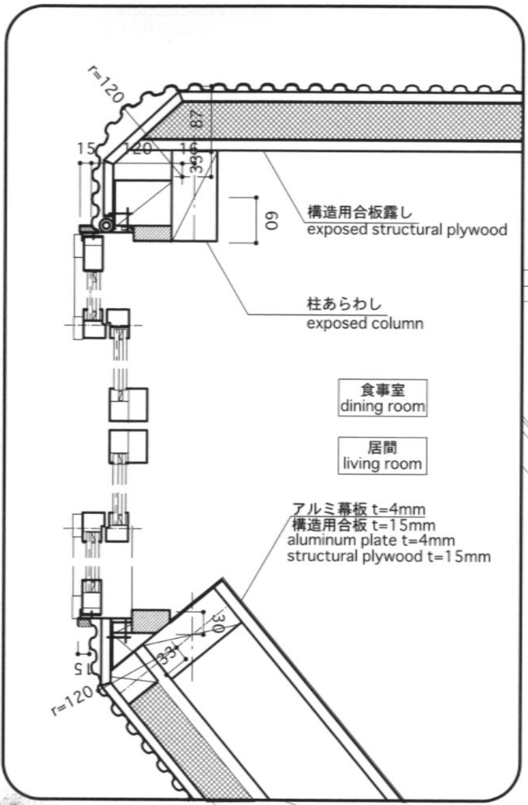


断面詳細パース / vertical section perspective S:1/30

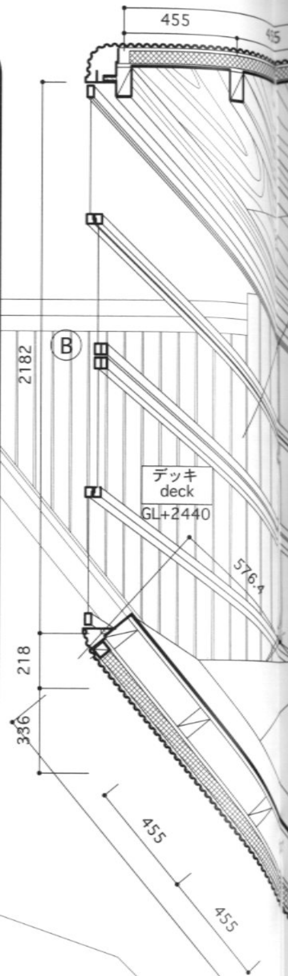


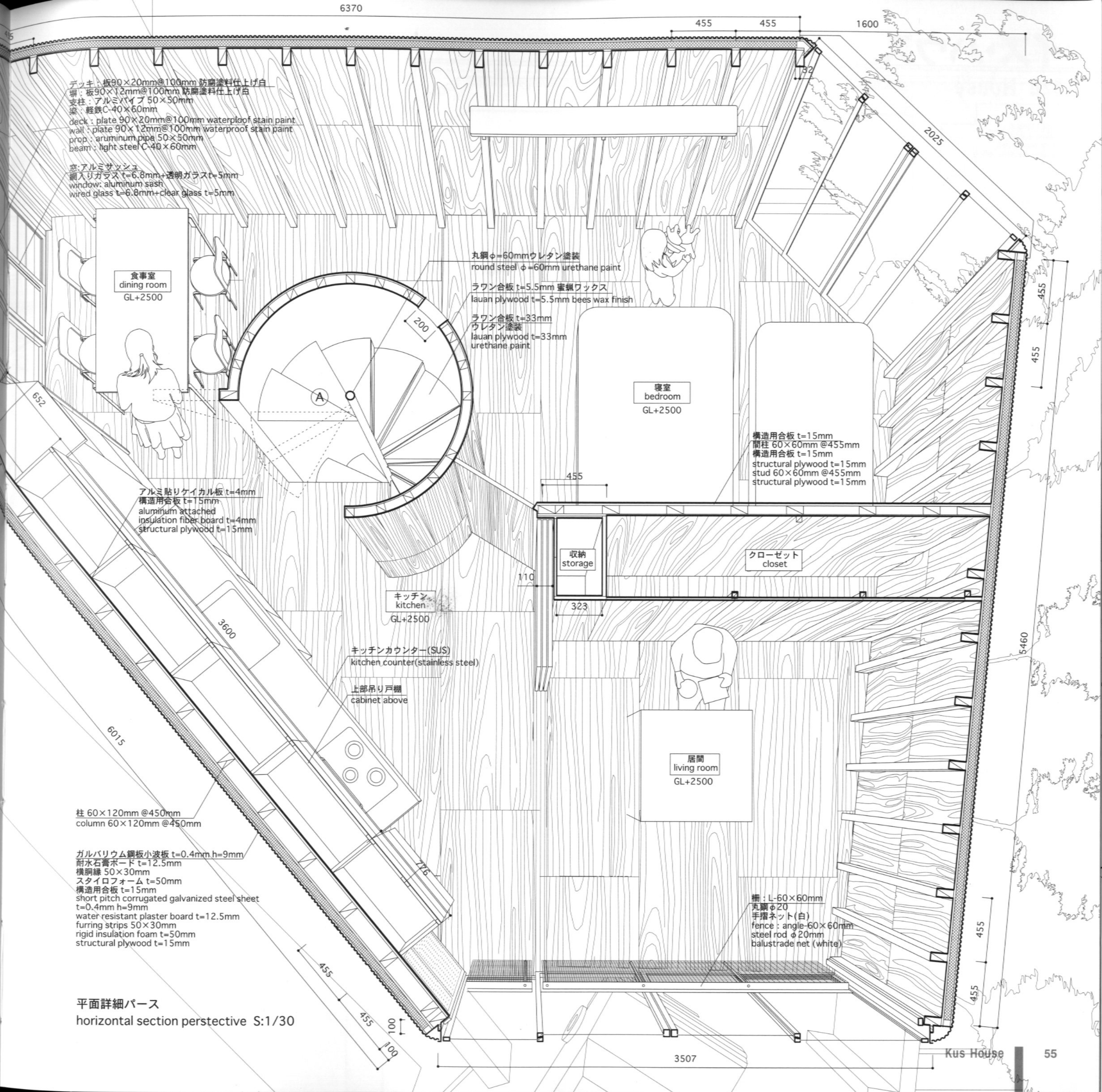


Ⓐ 階段詳細図 / stairs detail S:1/20



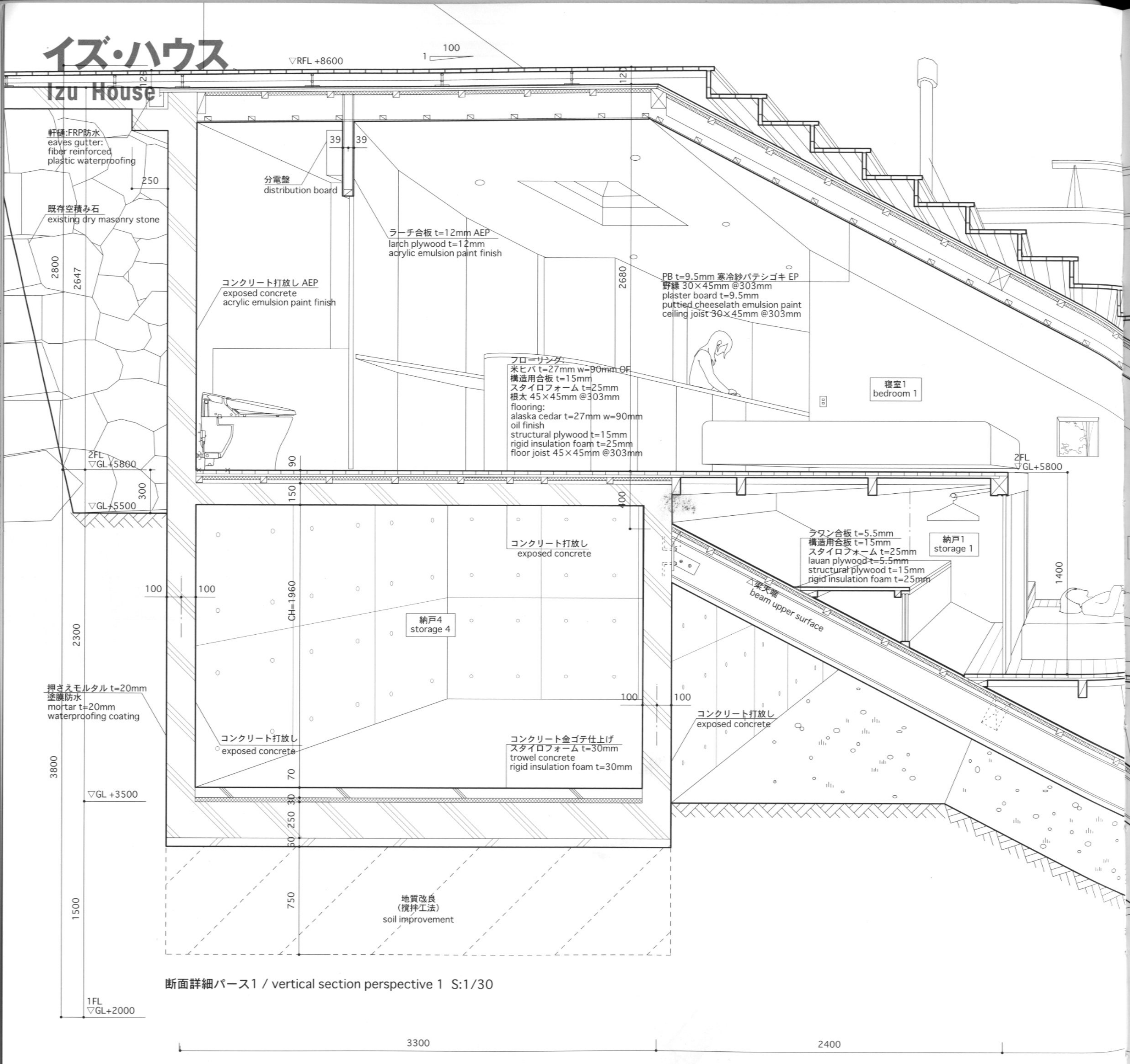
Ⓑ 開口部詳細図 / window detail S:1/10



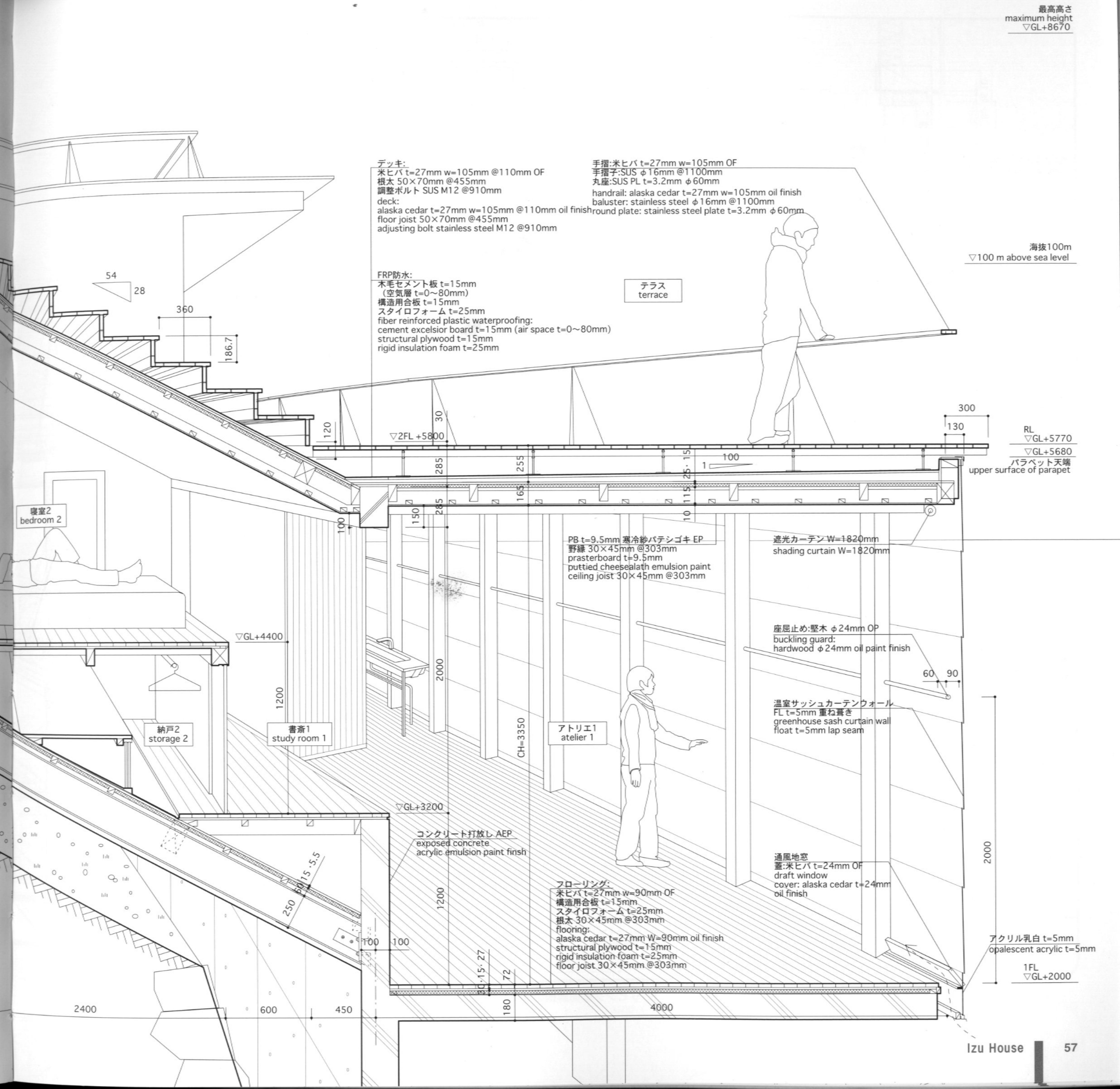

6370
455
455
1600
32
2025
デッキ：板90×20mm@100mm 防腐塗料仕上げ白
塀：板90×12mm@100mm 防腐塗料仕上げ白
支柱：アルミパイプ 50×50mm
梁：軽鉄C-40×60mm
deck : plate 90×20mm@100mm waterploof stain paint
wall : plate 90×12mm@100mm waterproof stain paint
prop : aruminum pipe 50×50mm
beam : light steel C-40×60mm
窓:アルミサッシュ
網入りガラス t=6.8mm+透明ガラスt=5mm
window: aluminum sash
wired glass t=6.8mm+clear glass t=5mm
食事室
dining room
GL+2500
丸鋼 φ=60mmウレタン塗装
round steel φ=60mm urethane paint
ラワン合板 t=5.5mm 蜜蝋ワックス
lauan plywood t=5.5mm bees wax finish
ラワン合板 t=33mm
ウレタン塗装
lauan plywood t=33mm
urethane paint
200
A
455
455
寝室
bedroom
GL+2500
652
構造用合板 t=15mm
間柱 60×60mm @455mm
構造用合板 t=15mm
structural plywood t=15mm
stud 60×60mm @455mm
structural plywood t=15mm
455
アルミ貼りケイカル板 t=4mm
構造用合板 t=15mm
aluminum attached
insulation fiber board t=4mm
structural plywood t=15mm
収納
storage
クローゼット
closet
110
323
キッチン
kitchen
GL+2500
3600
5460
キッチンカウンター(SUS)
kitchen counter(stainless steel)
上部吊り戸棚
cabinet above
6015
居間
living room
GL+2500
柱 60×120mm @450mm
column 60×120mm @450mm
ガルバリウム鋼板小波板 t=0.4mm h=9mm
耐水石膏ボード t=12.5mm
横胴縁 50×30mm
スタイロフォーム t=50mm
構造用合板 t=15mm
short pitch corrugated galvanized steel sheet
t=0.4mm h=9mm
water resistant plaster board t=12.5mm
furring strips 50×30mm
rigid insulation foam t=50mm
structural plywood t=15mm
776
柵：L-60×60mm
丸鋼 φ20
手摺ネット(白)
fence : angle-60×60mm
steel rod φ20mm
balustrade net (white)
455
455
455
455
100
100
3507

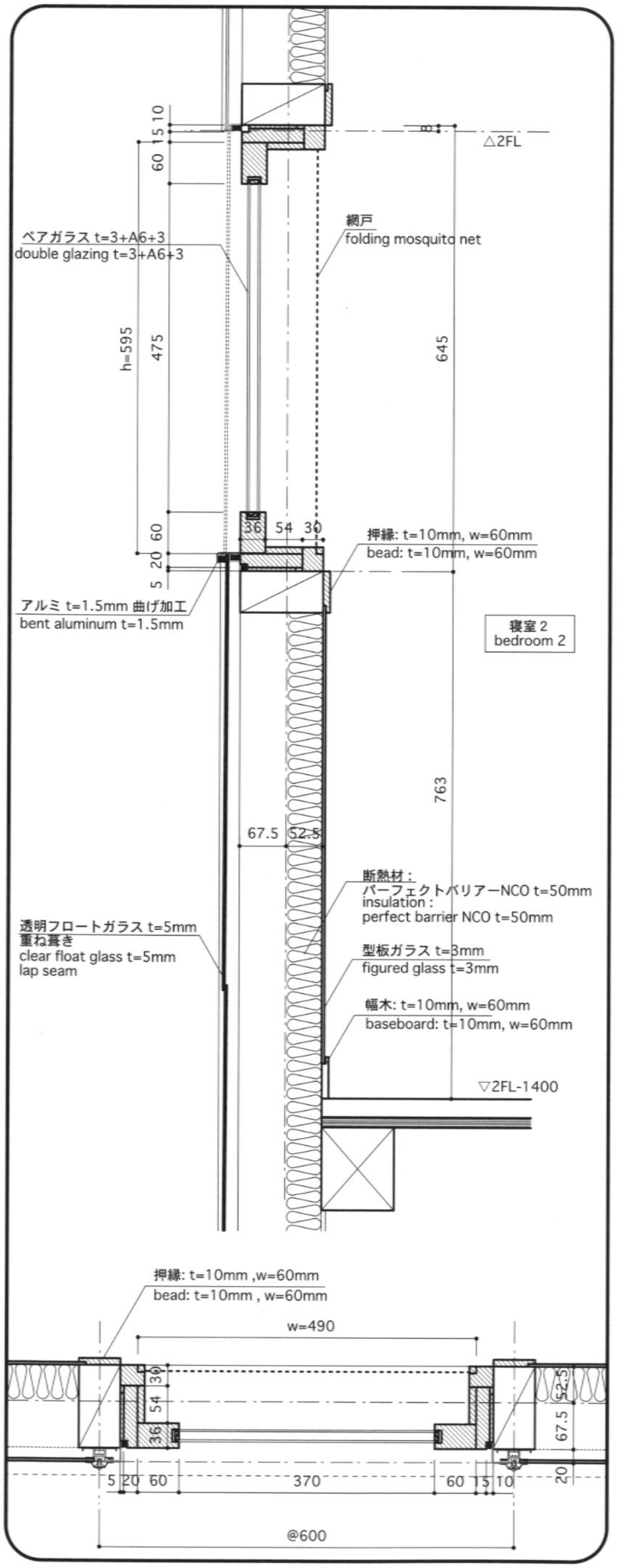
平面詳細パース
horizontal section perstective S:1/30

イズ・ハウス
Izu House

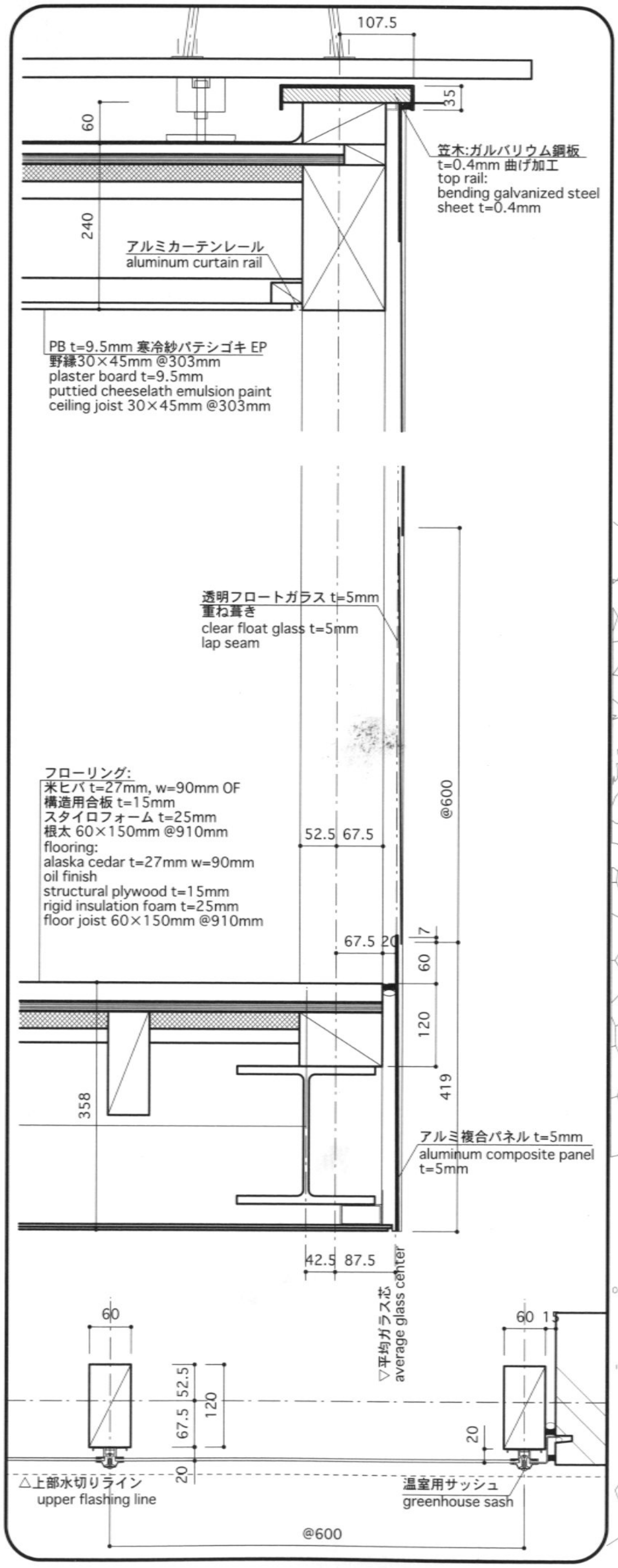


断面詳細パース1 / vertical section perspective 1 S:1/30

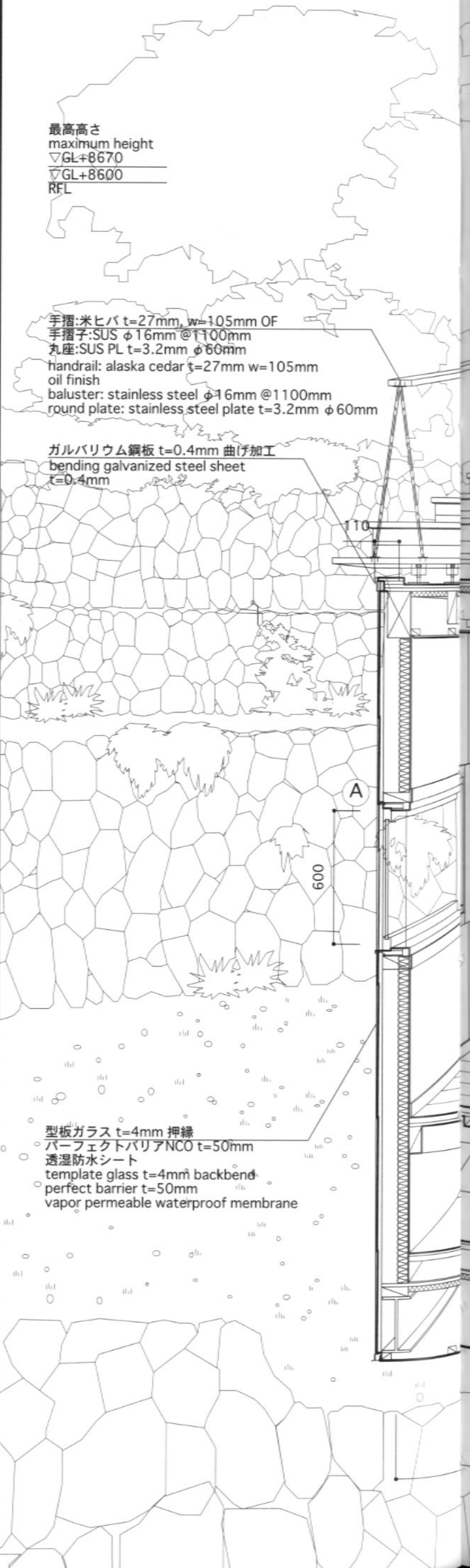

最高高さ
maximum height
▽GL+8670
デッキ:
米ヒバ t=27mm w=105mm @110mm OF
根太 50×70mm @455mm
調整ボルト SUS M12 @910mm
deck:
alaska cedar t=27mm w=105mm @110mm oil finish
floor joist 50×70mm @455mm
adjusting bolt stainless steel M12 @910mm
手摺:米ヒバ t=27mm w=105mm OF
手摺子:SUS φ16mm @1100mm
丸座:SUS PL t=3.2mm φ60mm
handrail: alaska cedar t=27mm w=105mm oil finish
baluster: stainless steel φ16mm @1100mm
round plate: stainless steel plate t=3.2mm φ60mm
海抜100m
▽100 m above sea level
54
28
360
186.7
FRP防水:
木毛セメント板 t=15mm
（空気層 t=0〜80mm）
構造用合板 t=15mm
スタイロフォーム t=25mm
fiber reinforced plastic waterproofing:
cement excelsior board t=15mm (air space t=0〜80mm)
structural plywood t=15mm
rigid insulation foam t=25mm
テラス
terrace
300
130
RL
▽GL+5770
▽GL+5680
パラペット天端
upper surface of parapet
120
30
▽2FL +5800
285
255
15
25
1
100
115
165
10
150
285
100
寝室2
bedroom 2
PB t=9.5mm 寒冷紗パテシゴキ EP
野縁 30×45mm @303mm
prasterboard t=9.5mm
puttied cheesealath emulsion paint
ceiling joist 30×45mm @303mm
遮光カーテン W=1820mm
shading curtain W=1820mm
▽GL+4400
座屈止め:堅木 φ24mm OP
buckling guard:
hardwood φ24mm oil paint finish
60
90
2000
1200
納戸2
storage 2
書斎1
study room 1
CH=3350
アトリエ1
atelier 1
温室サッシュカーテンウォール
FL t=5mm 重ね貫き
greenhouse sash curtain wall
float t=5mm lap seam
▽GL+3200
コンクリート打放し AEP
exposed concrete
acrylic emulsion paint finsh
15
5.5
60
250
1200
通風地窓
蓋:米ヒバ t=24mm OF
draft window
cover: alaska cedar t=24mm
oil finish
2000
フローリング:
米ヒバ t=27mm w=90mm OF
構造用合板 t=15mm
スタイロフォーム t=25mm
根太 30×45mm @303mm
flooring:
alaska cedar t=27mm W=90mm oil finish
structural plywood t=15mm
rigid insulation foam t=25mm
floor joist 30×45mm @303mm
100
100
30
15
27
72
180
アクリル乳白 t=5mm
opalescent acrylic t=5mm
1FL
▽GL+2000
2400
600
450
4000



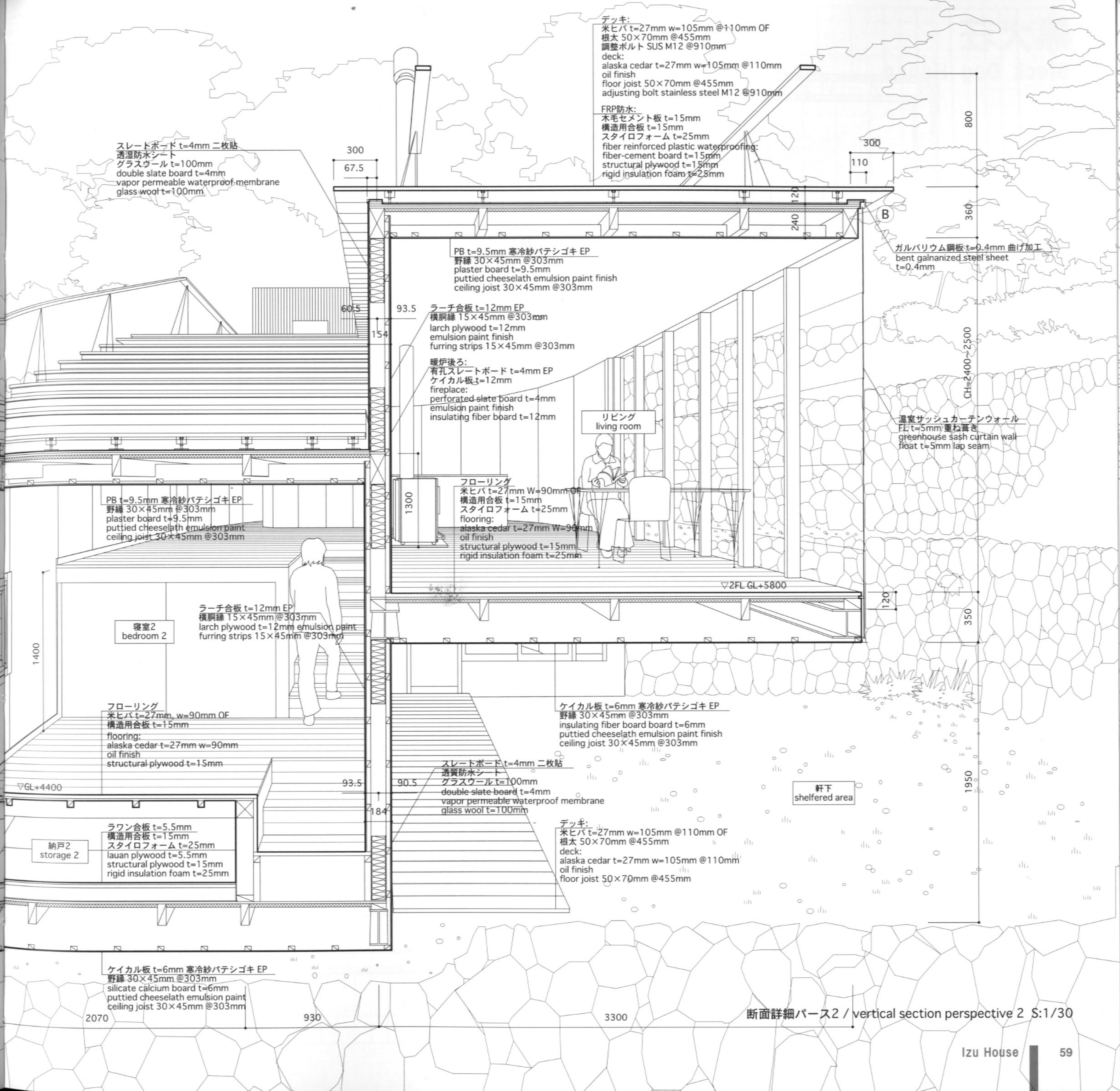
Ⓐ 寝室壁面詳細図 / bedroom wall detail S:1/10



Ⓑ リビング壁面詳細図 / living room wall detail S:1/10

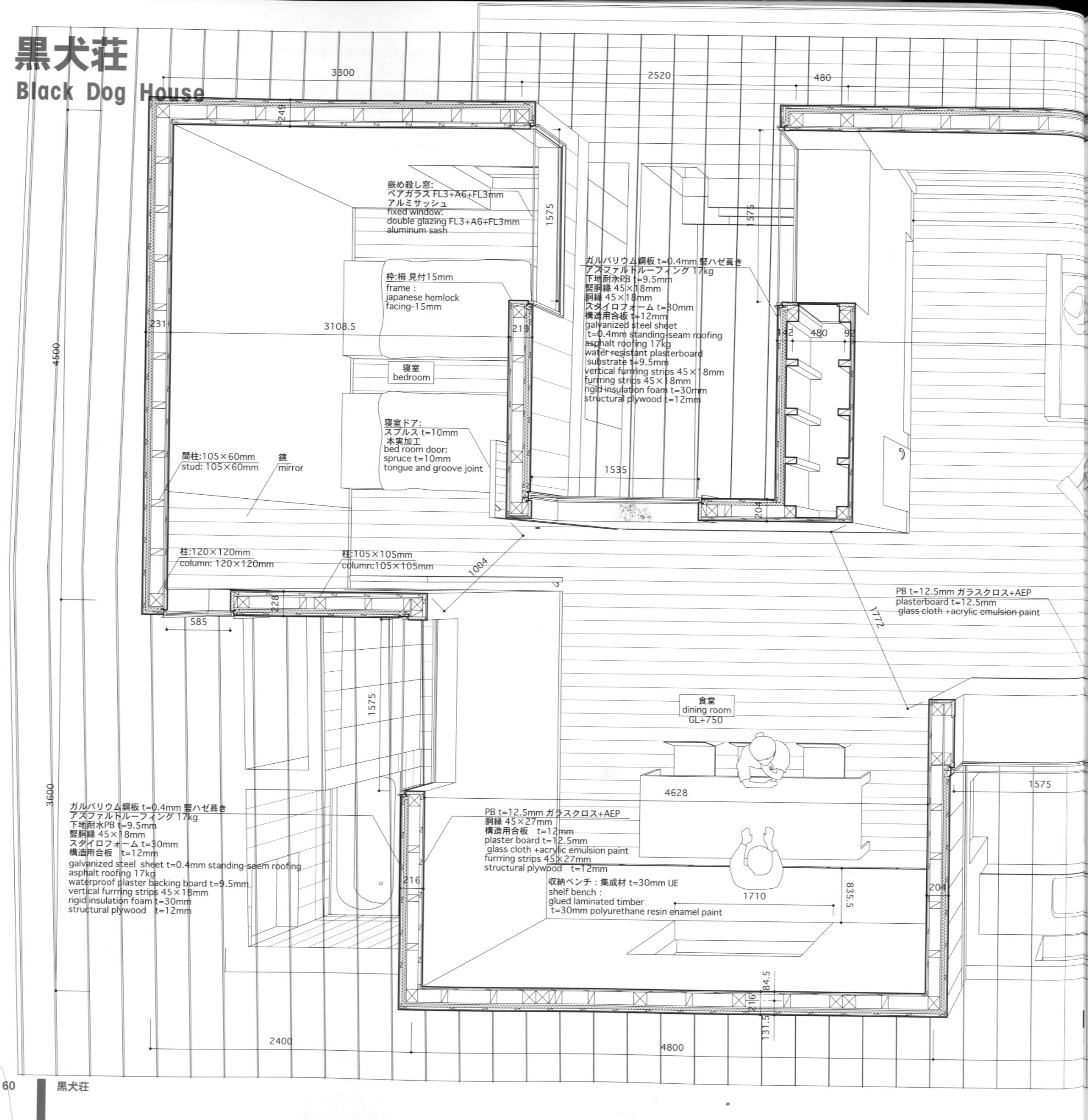


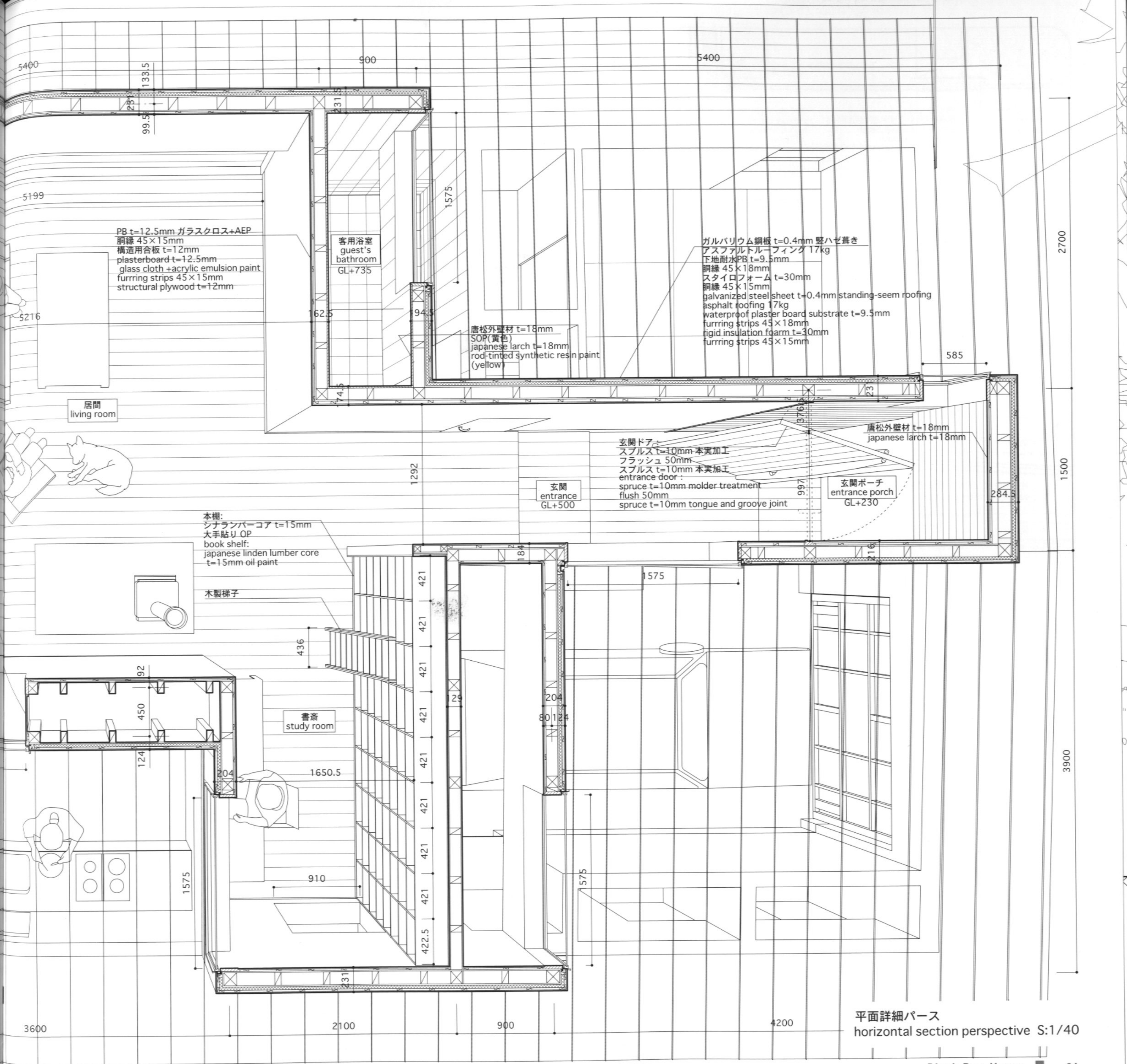
最高高さ
maximum height
▽GL+8670
▽GL+8600
RFL
手摺:米ヒバ t=27mm, w=105mm OF
手摺子:SUS φ16mm @1100mm
丸座:SUS PL t=3.2mm φ60mm
handrail: alaska cedar t=27mm w=105mm
oil finish
baluster: stainless steel φ16mm @1100mm
round plate: stainless steel plate t=3.2mm φ60mm
ガルバリウム鋼板 t=0.4mm 曲げ加工
bending galvanized steel sheet
t=0.4mm
110
A
600
型板ガラス t=4mm 押縁
パーフェクトバリアNCO t=50mm
透湿防水シート
template glass t=4mm backbend
perfect barrier t=50mm
vapor permeable waterproof membrane


デッキ:
米ヒバ t=27mm w=105mm @110mm OF
根太 50×70mm @455mm
調整ボルト SUS M12 @910mm
deck:
alaska cedar t=27mm w=105mm @110mm
oil finish
floor joist 50×70mm @455mm
adjusting bolt stainless steel M12 @910mm
FRP防水:
木毛セメント板 t=15mm
構造用合板 t=15mm
スタイロフォーム t=25mm
fiber reinforced plastic waterproofing:
fiber-cement board t=15mm
structural plywood t=15mm
rigid insulation foam t=25mm
スレートボード t=4mm 二枚貼
透湿防水シート
グラスウール t=100mm
double slate board t=4mm
vapor permeable waterproof membrane
glass wool t=100mm
300
67.5
300
110
800
120
240
360
B
ガルバリウム鋼板 t=0.4mm 曲げ加工
bent galnanized steel sheet
t=0.4mm
PB t=9.5mm 寒冷紗パテシゴキ EP
野縁 30×45mm @303mm
plaster board t=9.5mm
puttied cheeselath emulsion paint finish
ceiling joist 30×45mm @303mm
60.5
93.5
154
ラーチ合板 t=12mm EP
横胴縁 15×45mm @303mm
larch plywood t=12mm
emulsion paint finish
furring strips 15×45mm @303mm
暖炉後ろ:
有孔スレートボード t=4mm EP
ケイカル板 t=12mm
fireplace:
perforated slate board t=4mm
emulsion paint finish
insulating fiber board t=12mm
CH=2400~2500
リビング
living room
温室サッシュカーテンウォール
FL t=5mm 重ね葺き
greenhouse sash curtain wall
float t=5mm lap seam
1300
フローリング
米ヒバ t=27mm W=90mm OF
構造用合板 t=15mm
スタイロフォーム t=25mm
flooring:
alaska cedar t=27mm W=90mm
oil finish
structural plywood t=15mm
rigid insulation foam t=25mm
PB t=9.5mm 寒冷紗パテシゴキ EP
野縁 30×45mm @303mm
plaster board t=9.5mm
puttied cheeselath emulsion paint
ceiling joist 30×45mm @303mm
▽2FL GL+5800
120
350
ラーチ合板 t=12mm EP
横胴縁 15×45mm @303mm
larch plywood t=12mm emulsion paint
furring strips 15×45mm @303mm
寝室2
bedroom 2
1400
ケイカル板 t=6mm 寒冷紗パテシゴキ EP
野縁 30×45mm @303mm
insulating fiber board board t=6mm
puttied cheeselath emulsion paint finish
ceiling joist 30×45mm @303mm
フローリング
米ヒバ t=27mm, w=90mm OF
構造用合板 t=15mm
flooring:
alaska cedar t=27mm w=90mm
oil finish
structural plywood t=15mm
スレートボード t=4mm 二枚貼
透質防水シート
グラスウール t=100mm
double slate board t=4mm
vapor permeable waterproof membrane
glass wool t=100mm
1950
▽GL+4400
93.5
90.5
184
軒下
shelfered area
デッキ:
米ヒバ t=27mm w=105mm @110mm OF
根太 50×70mm @455mm
deck:
alaska cedar t=27mm w=105mm @110mm
oil finish
floor joist 50×70mm @455mm
ラワン合板 t=5.5mm
構造用合板 t=15mm
スタイロフォーム t=25mm
lauan plywood t=5.5mm
structural plywood t=15mm
rigid insulation foam t=25mm
納戸2
storage 2
ケイカル板 t=6mm 寒冷紗パテシゴキ EP
野縁 30×45mm @303mm
silicate calcium board t=6mm
puttied cheeselath emulsion paint
ceiling joist 30×45mm @303mm
2070
930
3300

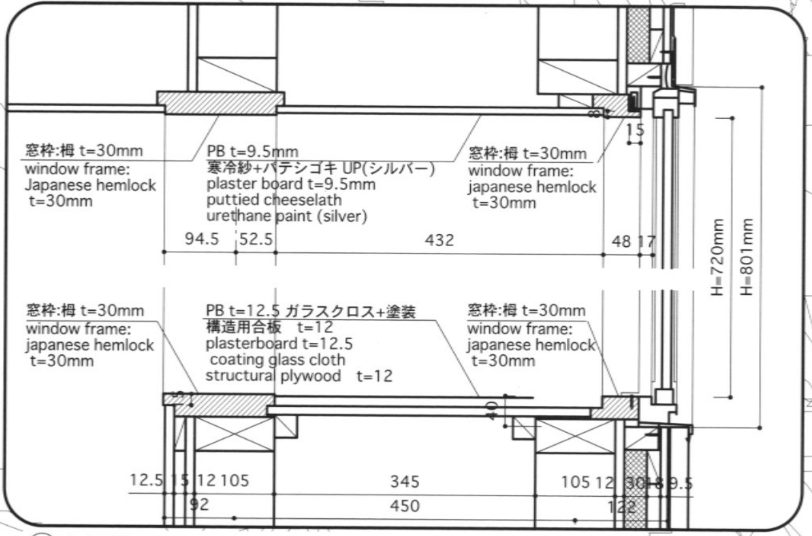
断面詳細パース2 / vertical section perspective 2 S:1/30

黒犬荘
Black Dog House

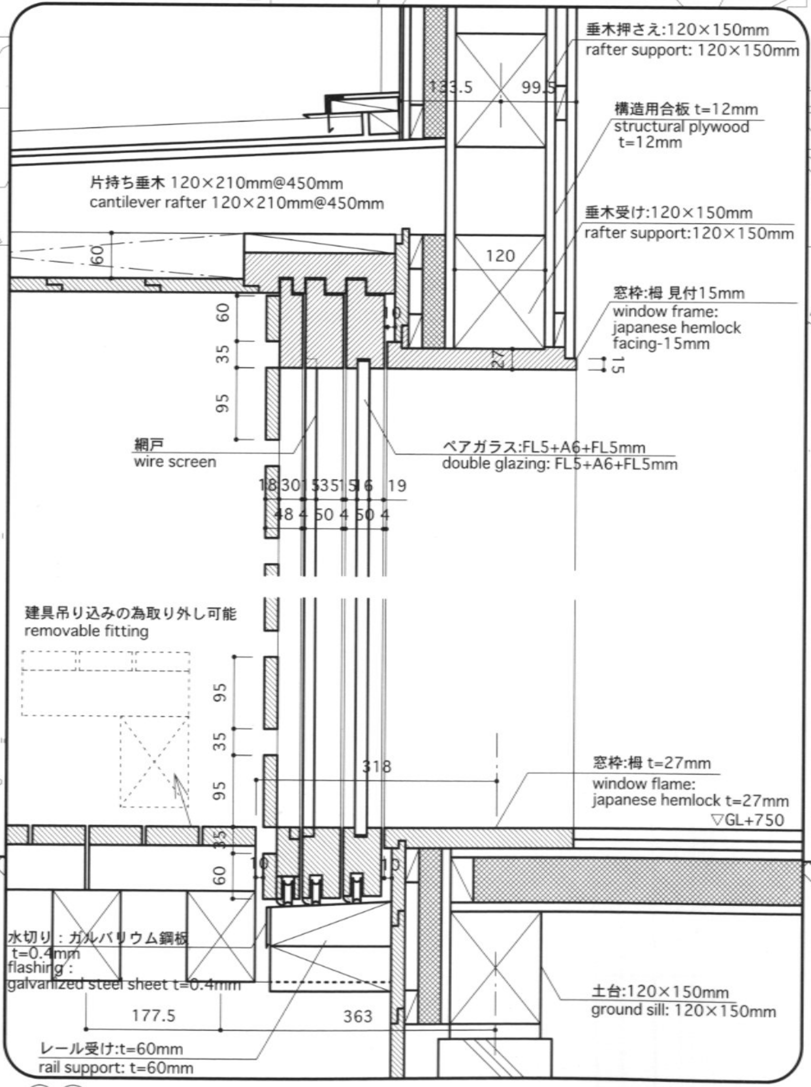




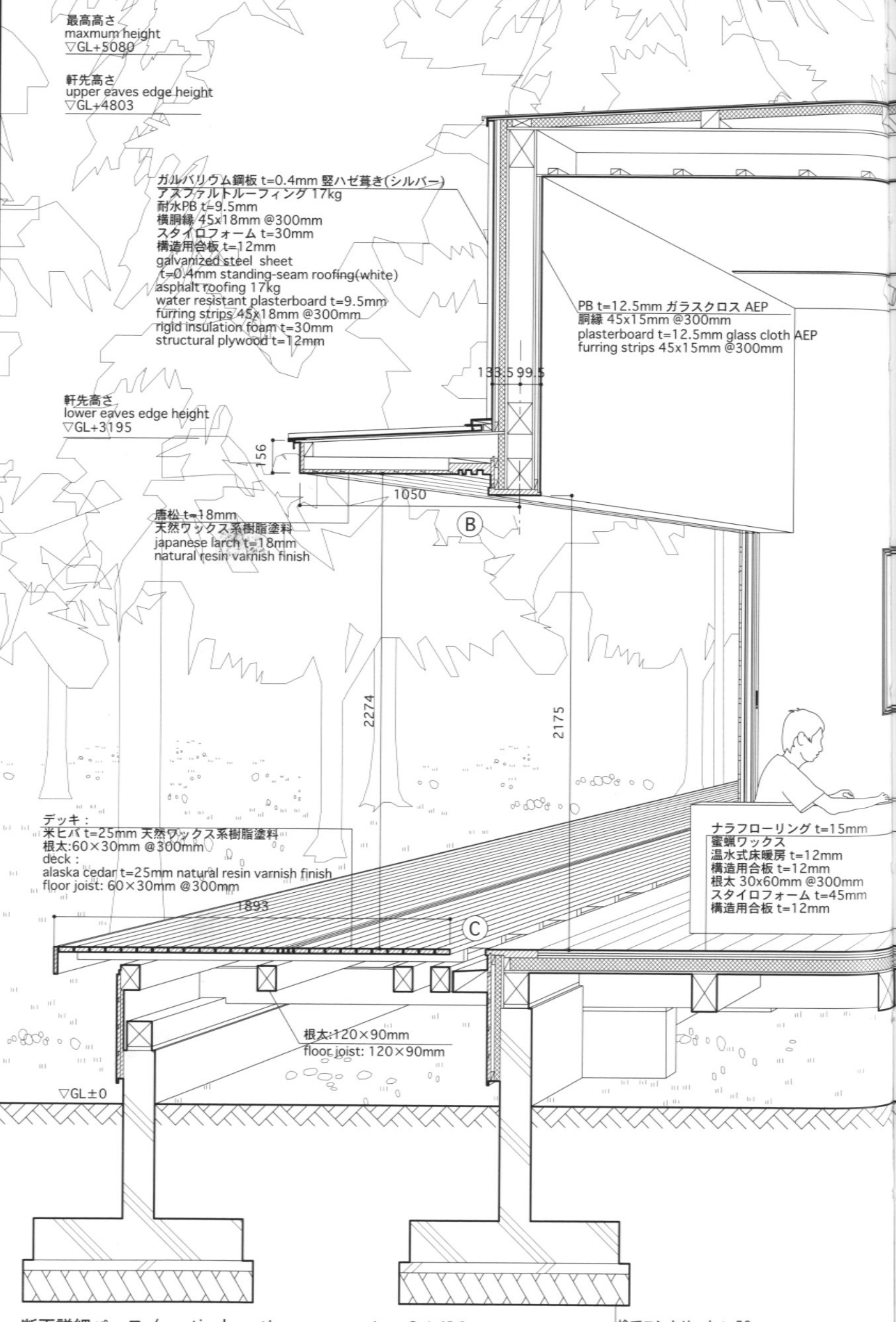
平面詳細パース
horizontal section perspective S:1/40



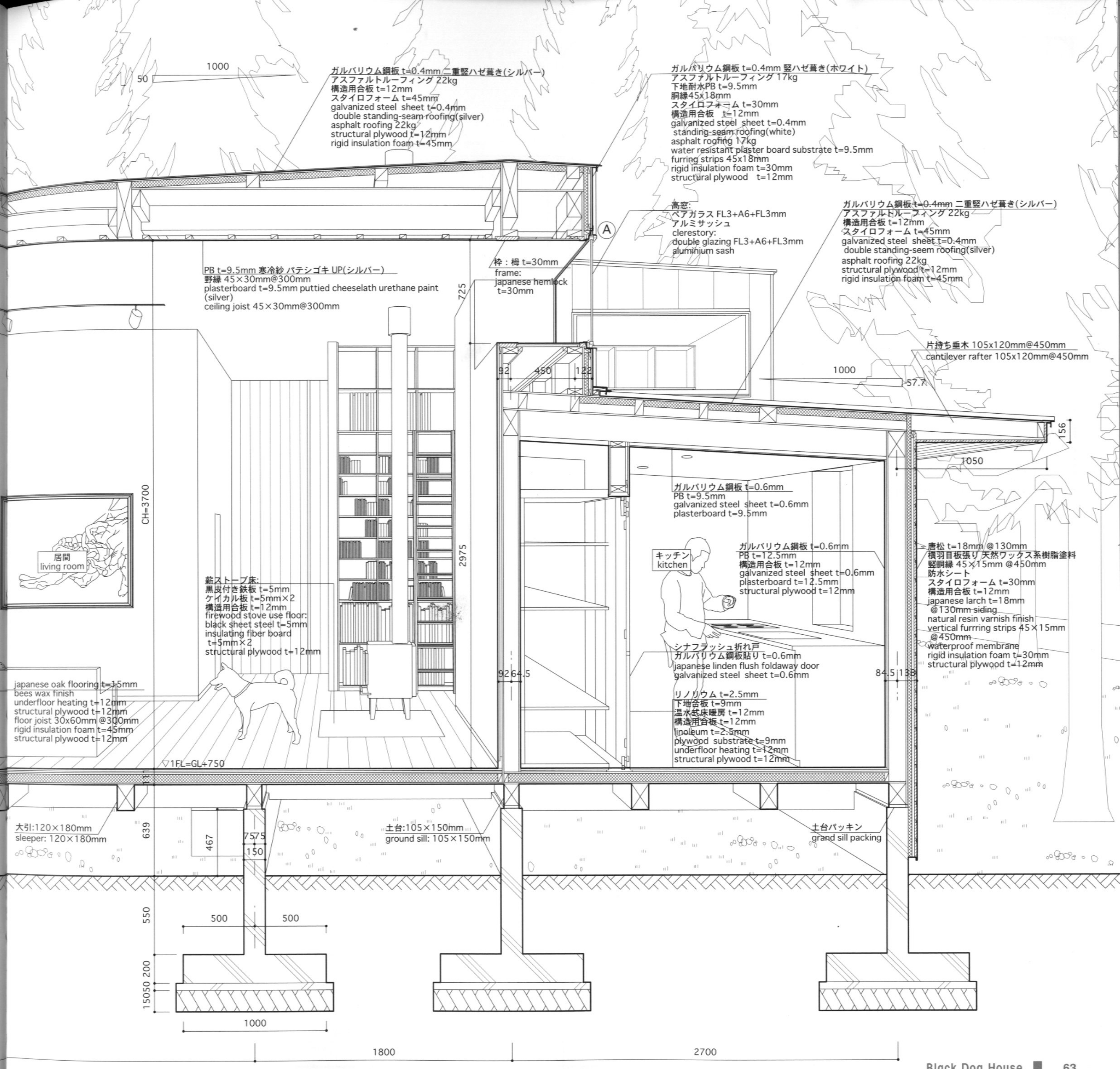
Ⓐ高窓詳細図 / clearstory detail S:1/10



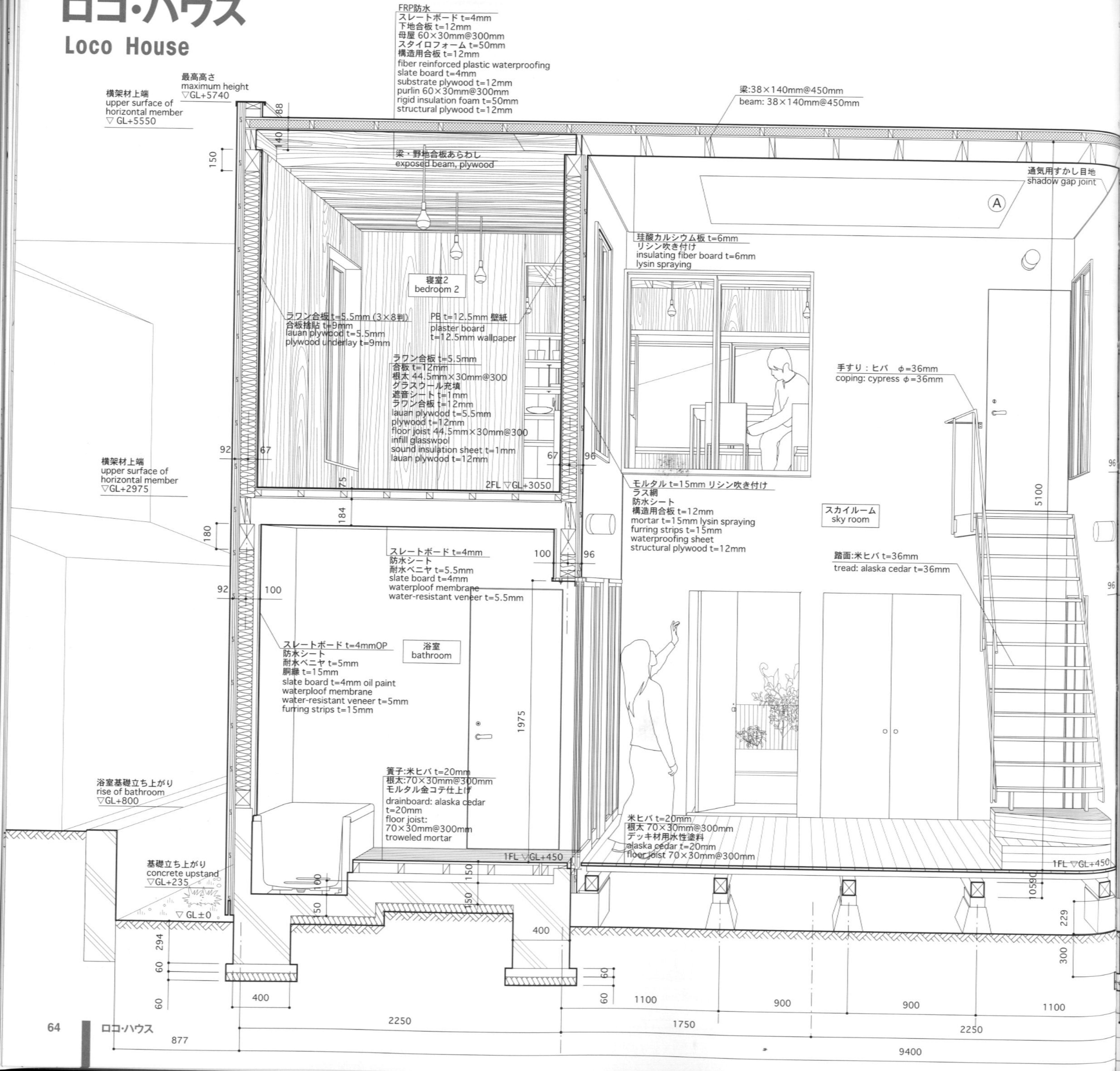
ⒷⒸ開口部詳細図 / opening detail S:1/10

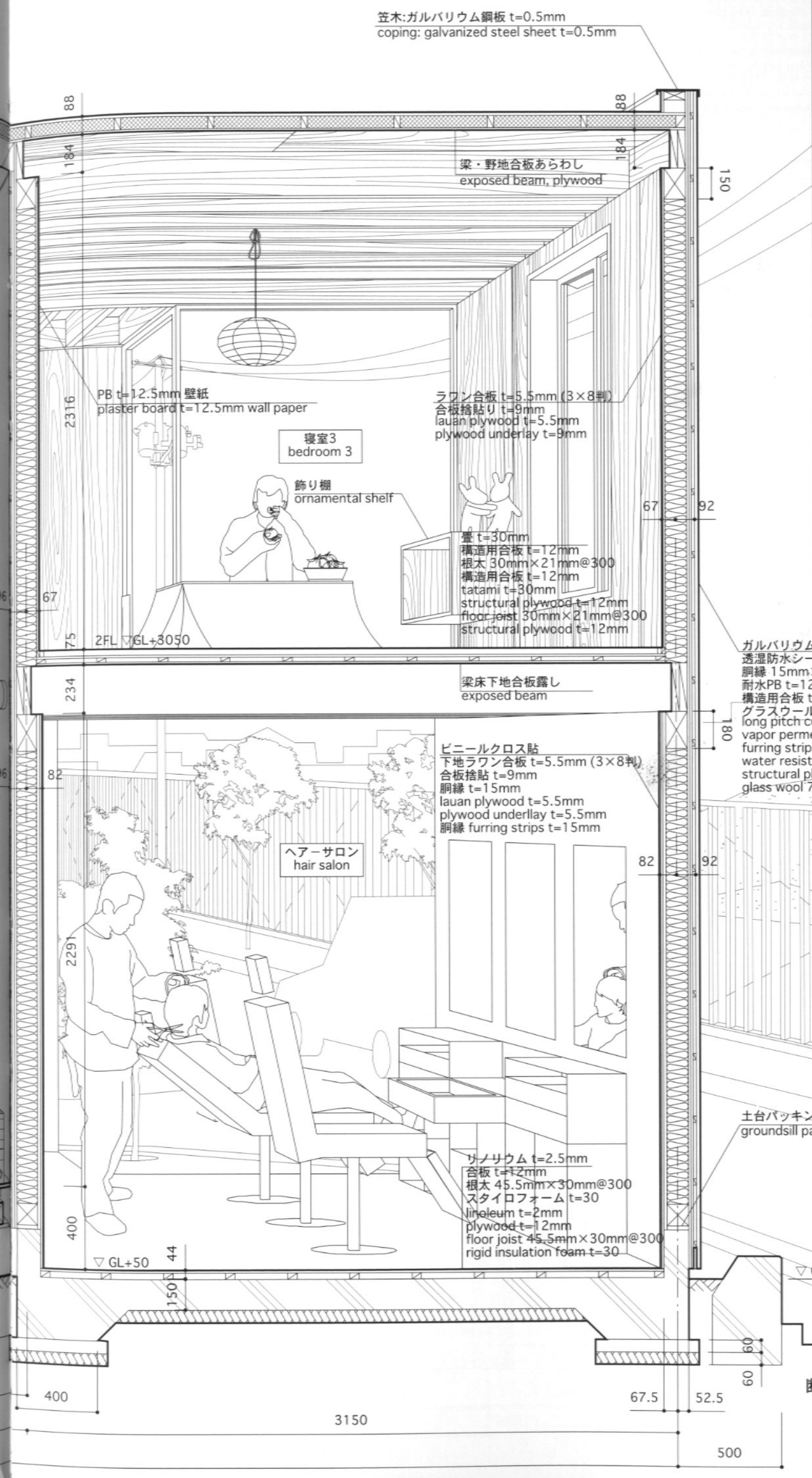


断面詳細パース / vertical section perspective S:1/30

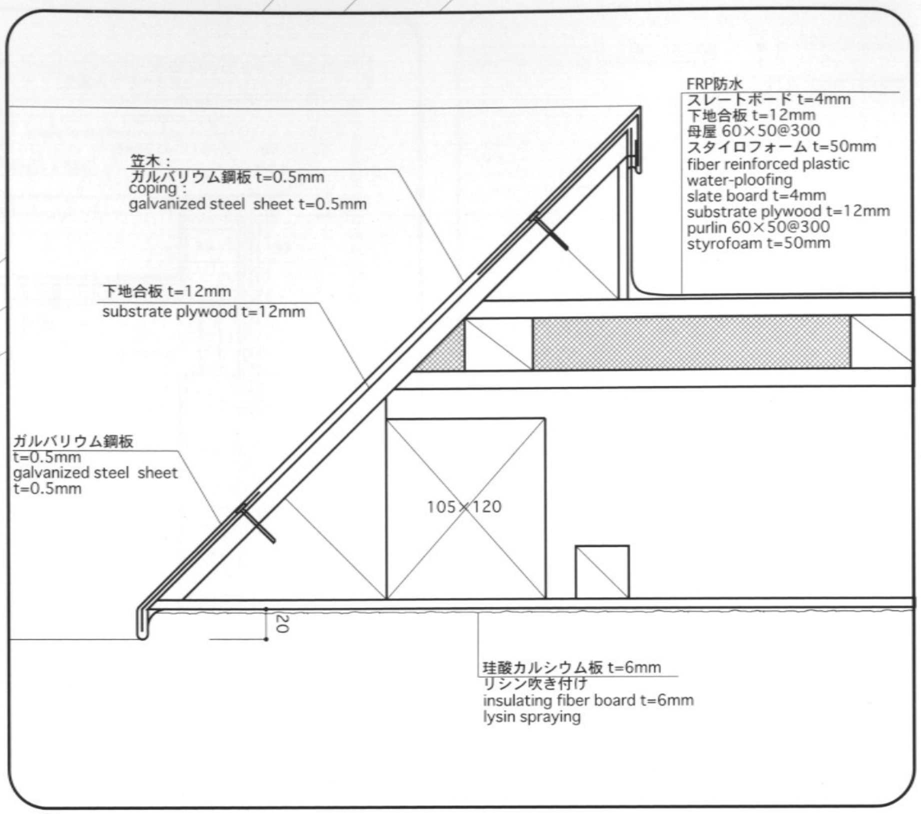

1000
50
ガルバリウム鋼板 t=0.4mm 二重竪ハゼ葺き(シルバー)
アスファルトルーフィング 22kg
構造用合板 t=12mm
スタイロフォーム t=45mm
galvanized steel sheet t=0.4mm
double standing-seam roofing(silver)
asphalt roofing 22kg
structural plywood t=12mm
rigid insulation foam t=45mm
ガルバリウム鋼板 t=0.4mm 竪ハゼ葺き(ホワイト)
アスファルトルーフィング 17kg
下地耐水PB t=9.5mm
胴縁45x18mm
スタイロフォーム t=30mm
構造用合板 t=12mm
galvanized steel sheet t=0.4mm
standing-seam roofing(white)
asphalt roofing 17kg
water resistant plaster board substrate t=9.5mm
furring strips 45x18mm
rigid insulation foam t=30mm
structural plywood t=12mm
高窓:
ペアガラス FL3+A6+FL3mm
アルミサッシュ
clerestory:
double glazing FL3+A6+FL3mm
aluminium sash
A
ガルバリウム鋼板 t=0.4mm 二重竪ハゼ葺き(シルバー)
アスファルトルーフィング 22kg
構造用合板 t=12mm
スタイロフォーム t=45mm
galvanized steel sheet t=0.4mm
double standing-seem roofing(silver)
asphalt roofing 22kg
structural plywood t=12mm
rigid insulation foam t=45mm
PB t=9.5mm 寒冷紗 パテシゴキ UP(シルバー)
野縁 45×30mm@300mm
plasterboard t=9.5mm puttied cheeselath urethane paint (silver)
ceiling joist 45×30mm@300mm
枠：栂 t=30mm
frame:
japanese hemlock
t=30mm
725
片持ち垂木 105x120mm@450mm
cantilever rafter 105x120mm@450mm
1000
57.7
92
450
122
156
1050
CH=3700
2975
居間
living room
ガルバリウム鋼板 t=0.6mm
PB t=9.5mm
galvanized steel sheet t=0.6mm
plasterboard t=9.5mm
キッチン
kitchen
ガルバリウム鋼板 t=0.6mm
PB t=12.5mm
構造用合板 t=12mm
galvanized steel sheet t=0.6mm
plasterboard t=12.5mm
structural plywood t=12mm
唐松 t=18mm @130mm
横羽目板張り 天然ワックス系樹脂塗料
竪胴縁 45×15mm @450mm
防水シート
スタイロフォーム t=30mm
構造用合板 t=12mm
japanese larch t=18mm
@130mm siding
natural resin varnish finish
vertical furrring strips 45×15mm
@450mm
waterproof membrane
rigid insulation foam t=30mm
structural plywood t=12mm
薪ストーブ床:
黒皮付き鉄板 t=5mm
ケイカル板 t=5mm×2
構造用合板 t=12mm
firewood stove use floor:
black sheet steel t=5mm
insulating fiber board
t=5mm×2
structural plywood t=12mm
シナフラッシュ折れ戸
ガルバリウム鋼板貼り t=0.6mm
japanese linden flush foldaway door
galvanized steel sheet t=0.6mm
japanese oak flooring t=15mm
bees wax finish
underfloor heating t=12mm
structural plywood t=12mm
floor joist 30x60mm @300mm
rigid insulation foam t=45mm
structural plywood t=12mm
92
64.5
84.5
138
リノリウム t=2.5mm
下地合板 t=9mm
温水式床暖房 t=12mm
構造用合板 t=12mm
linoleum t=2.5mm
plywood substrate t=9mm
underfloor heating t=12mm
structural plywood t=12mm
▽1FL=GL+750
111
大引:120×180mm
sleeper: 120×180mm
639
467
7575
150
土台:105×150mm
ground sill: 105×150mm
土台パッキン
grand sill packing
550
500
500
200
150
50
1000
1800
2700

ロコ・ハウス
Loco House

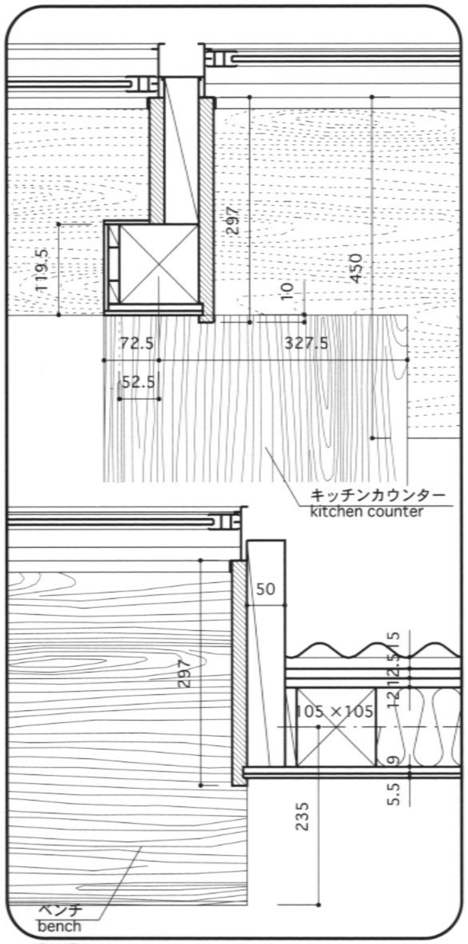




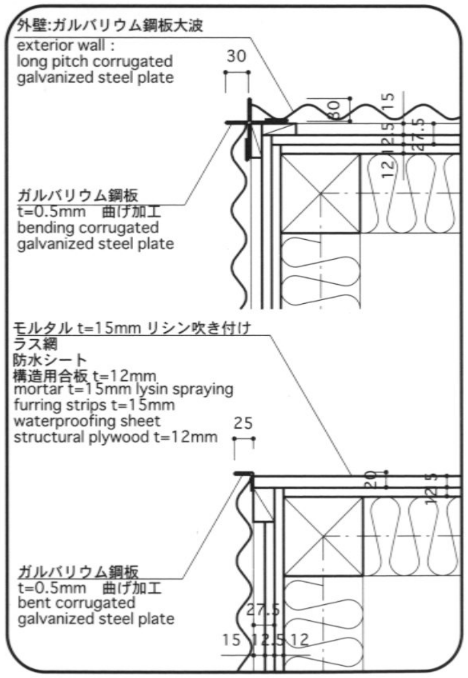
断面詳細パース / vertical section perspective S:1/30



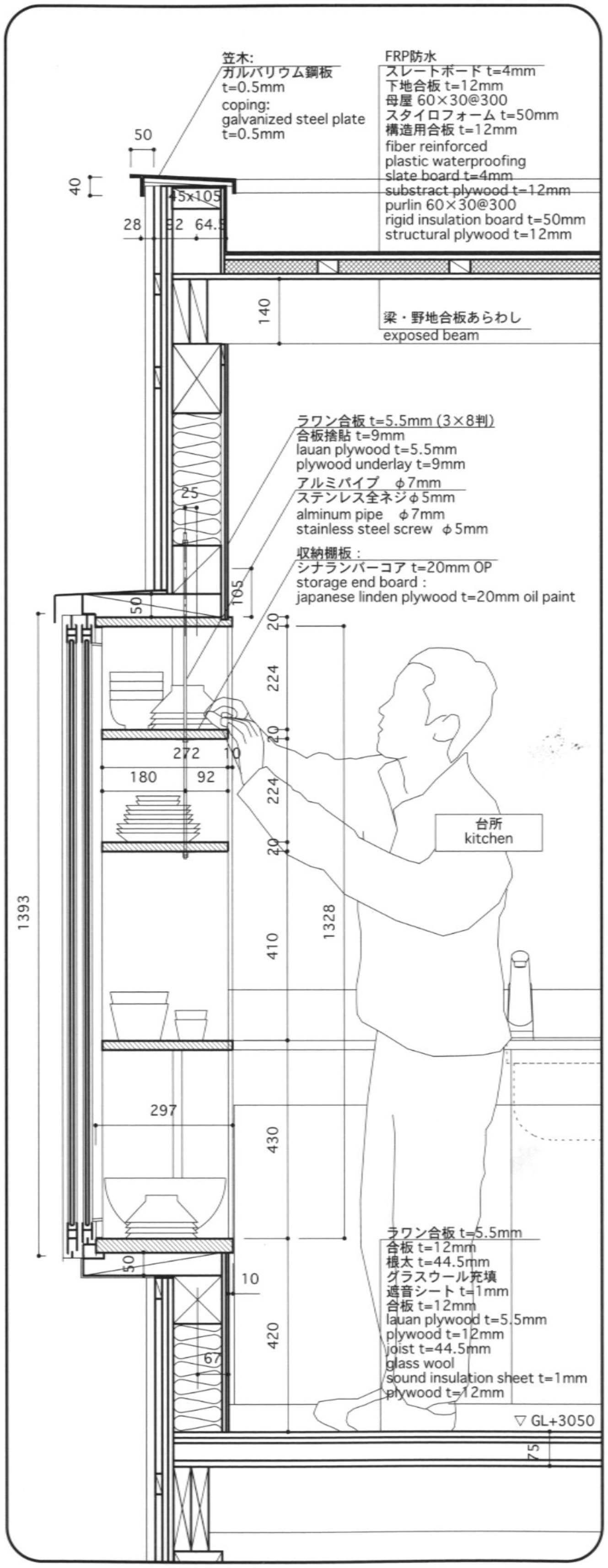
Ⓐ 軒先詳細図 / edge of eaves detail S:1/5



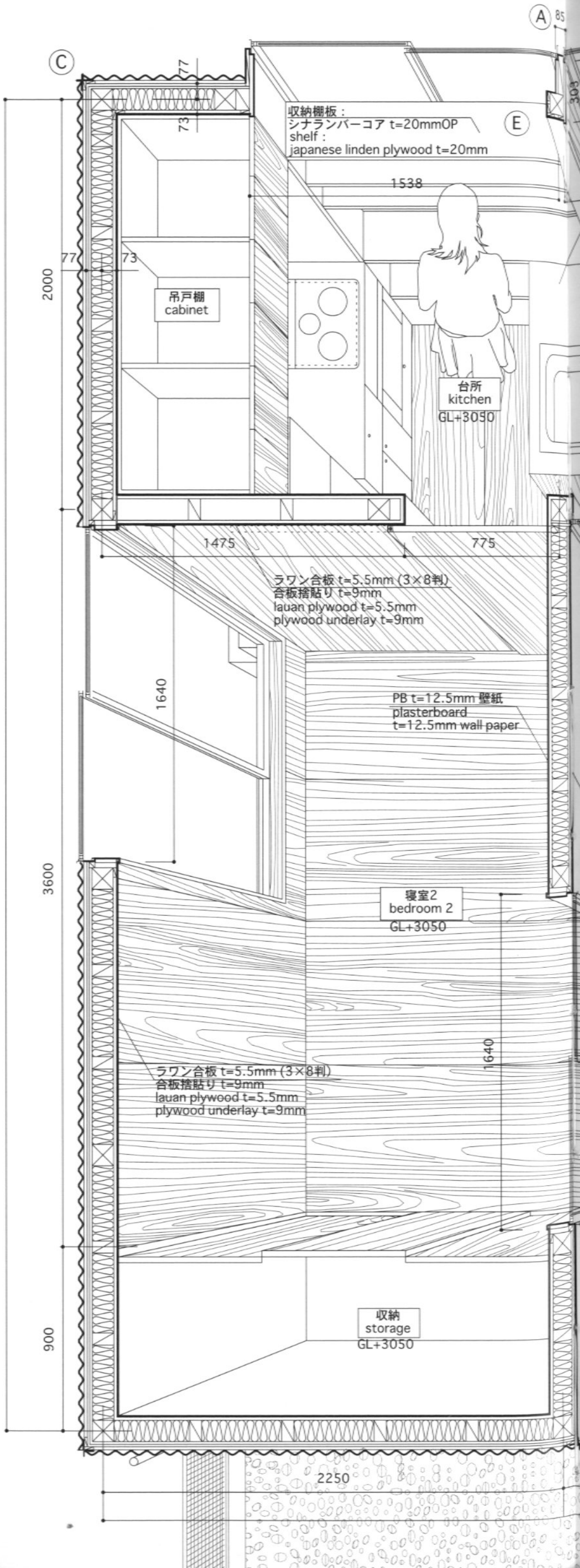
Ⓐ Ⓑ 開口部詳細図　window detail　S:1/10

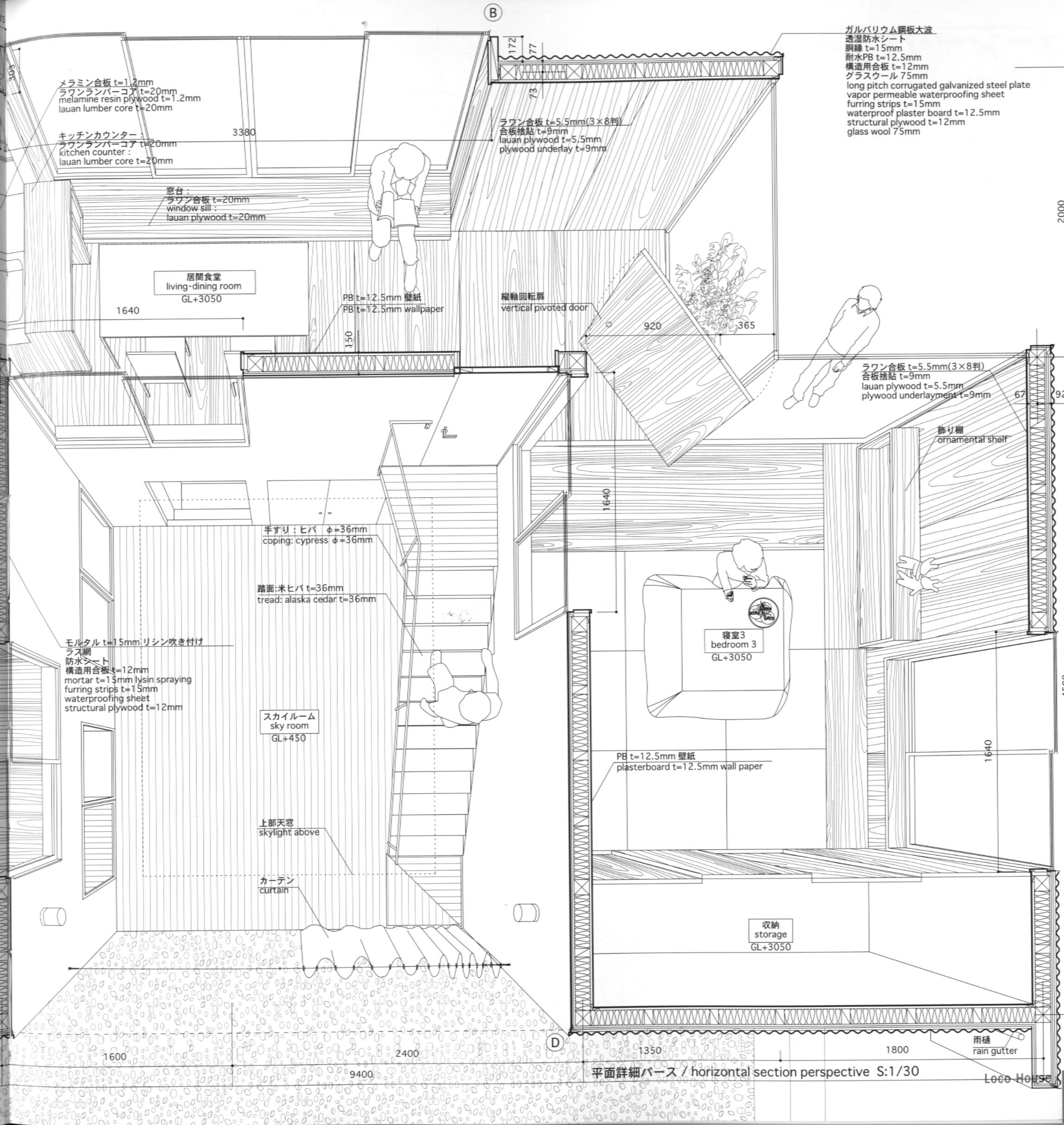


Ⓒ Ⓓ 隅角部詳細図 / corner detail　S:1/10



Ⓔ 台所詳細図 / kitchen detail　S:1/15

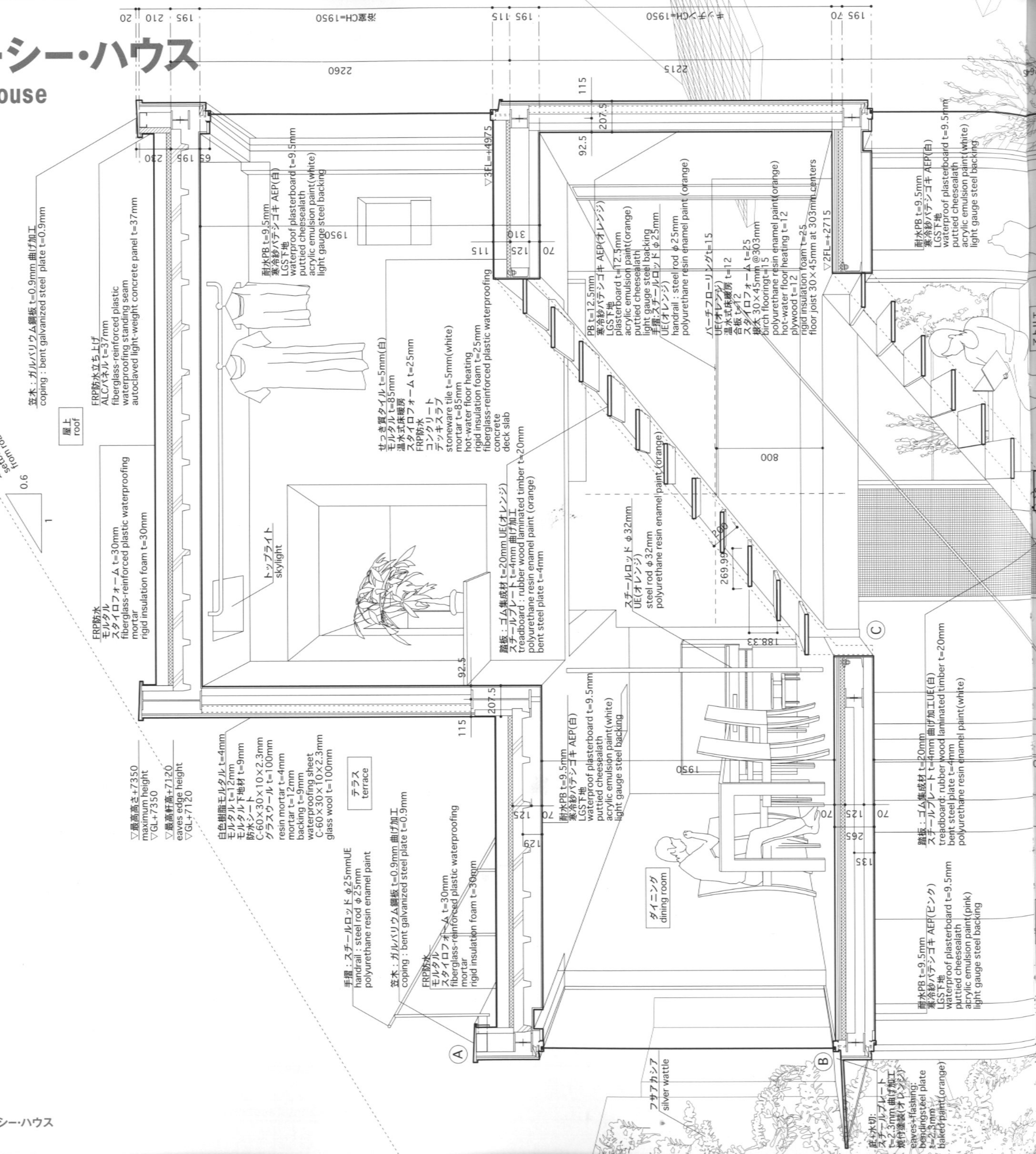


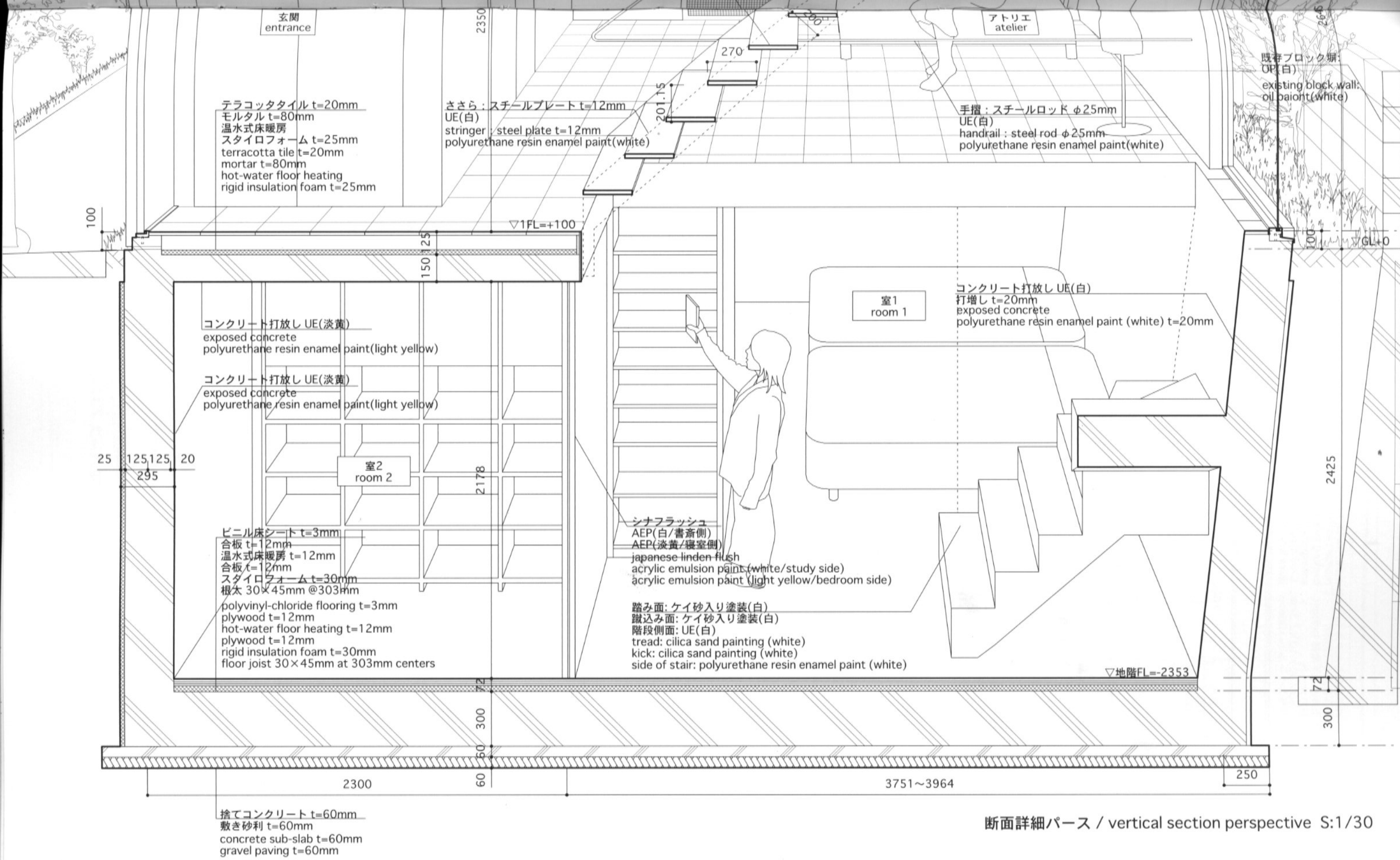


平面詳細パース / horizontal section perspective S:1/30

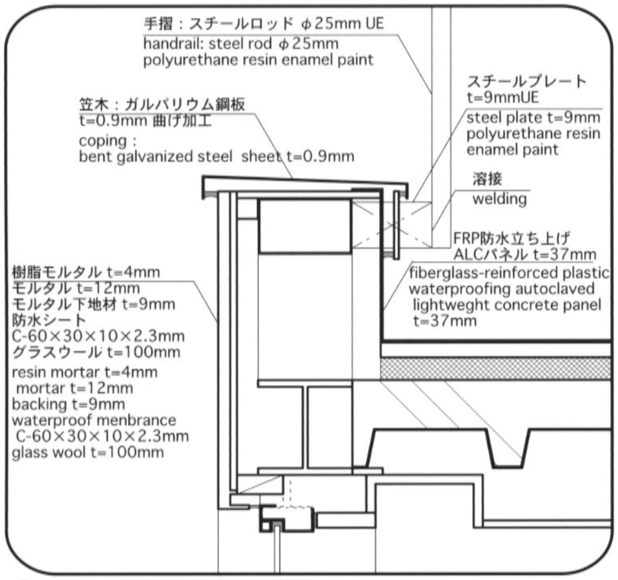
ジューシー・ハウス

Juicy House

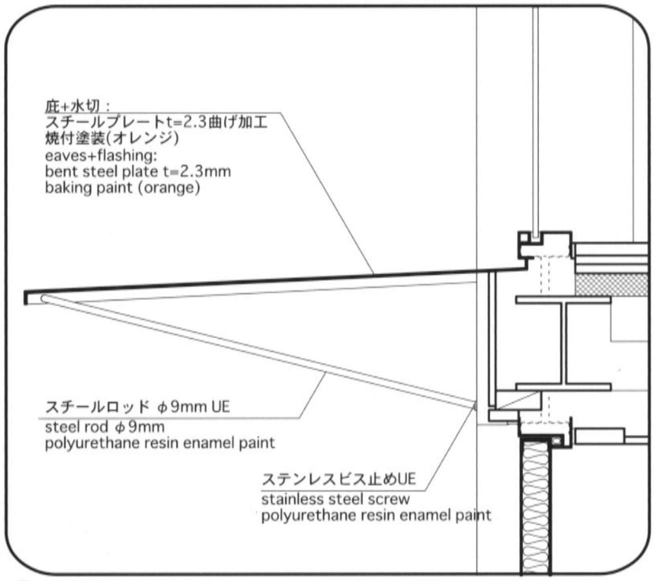

20
210
195
浴室CH=1950
195
115
キッチンCH=1950
195
70
2260
2215
115
207.5
92.5
230
195
65
▽3FL=+4975
1950
310
115
125
70
▽2FL=+2715
800
200
269.99
188.33
92.5
207.5
115
125
70
129
1950
70
125
70
265
135
笠木：ガルバリウム鋼板 t=0.9mm 曲げ加工
coping : bent galvanized steel plate t=0.9mm
FRP防水立ち上げ
ALCパネル t=37mm
fiberglass-reinforced plastic waterproofing standing seam
autoclaved light-weight concrete panel t=37mm
屋上
roof
0.6
1
道路斜線勾配
setback regulation from road width
耐水PB t=9.5mm
寒冷紗パテシゴキ AEP(白)
LGS下地
waterproof plasterboard t=9.5mm
puttied cheesealath
acrylic emulsion paint(white)
light gauge steel backing
せっき質タイル t=5mm(白)
モルタル t=85mm
温水式床暖房
スタイロフォーム t=25mm
FRP防水
コンクリート
デッキスラブ
stoneware tile t=5mm(white)
mortar t=85mm
hot-water floor heating
rigid insulation foam t=25mm
fiberglass-reinforced plastic waterproofing
concrete
deck slab
トップライト
skylight
FRP防水
モルタル
スタイロフォーム t=30mm
fiberglass-reinforced plastic waterproofing
mortar
rigid insulation foam t=30mm
▽最高高さ+7350
maximum height
▽GL+7350
▽最高軒高+7120
eaves edge height
▽GL+7120
白色樹脂モルタル t=4mm
モルタル t=12mm
モルタル下地材 t=9mm
防水シート
C-60×30×10×2.3mm
グラスウール t=100mm
resin mortar t=4mm
mortar t=12mm
backing t=9mm
waterproofing sheet
C-60×30×10×2.3mm
glass wool t=100mm
テラス
terrace
手摺：スチールロッド φ25mmUE
handrail : steel rod φ25mm
polyurethane resin enamel paint
笠木：ガルバリウム鋼板 t=0.9mm 曲げ加工
coping : bent galvanized steel plate t=0.9mm
FRP防水
モルタル
スタイロフォーム t=30mm
fiberglass-reinforced plastic waterproofing
mortar
rigid insulation foam t=30mm
踏板：ゴム集成材 t=20mm UE(オレンジ)
スチールプレート t=4mm 曲げ加工
treadboard : rubber wood laminated timber t=20mm
polyurethane resin enamel paint (orange)
bent steel plate t=4mm
スチールロッド φ32mm
UE(オレンジ)
steel rod φ32mm
polyurethane resin enamel paint (orange)
PB t=12.5mm
寒冷紗パテシゴキ AEP(オレンジ)
LGS下地
plasterboard t=12.5mm
acrylic emulsion paint(orange)
puttied cheesealath
light gauge steel backing
手摺：スチールロッド φ25mm
UE(オレンジ)
handrail : steel rod φ25mm
polyurethane resin enamel paint (orange)
バーチフローリングt=15
UE(オレンジ)
温水式床暖房
合板 t=12
スタイロフォーム t=25
根太 30×45mm @303mm
birch flooringt=15
polyurethane resin enamel paint(orange)
hot-water floor heating t=12
plywood t=12
rigid insulation foam t=25
floor joist 30×45mm at 303mm centers
耐水PB t=9.5mm
寒冷紗パテシゴキ AEP(白)
LGS下地
waterproof plasterboard t=9.5mm
puttied cheesealath
acrylic emulsion paint(white)
light gauge steel backing
耐水PB t=9.5mm
寒冷紗パテシゴキ AEP(白)
LGS下地
waterproof plasterboard t=9.5mm
puttied cheesealath
acrylic emulsion paint(white)
light gauge steel backing
ダイニング
dining room
踏板：ゴム集成材 t=20mm
スチールプレート t=4mm 曲げ加工UE(白)
treadboard: rubber wood laminated timber t=20mm
bent steel plate t=4mm
polyurethane resin enamel paint(white)
耐水PB t=9.5mm
寒冷紗パテシゴキ AEP(ピンク)
LGS下地
waterproof plasterboard t=9.5mm
puttied cheesealath
acrylic emulsion paint(pink)
light gauge steel backing
フサアカシア
silver wattle
庇+水切:
スチールプレート
t=2.3mm 曲げ加工
焼付塗装(オレンジ)
eaves+flashing:
bendingsteel plate
t=2.3mm
baked paint(orange)
A
B
C


玄関
entrance
2350
アトリエ
atelier
270
201.15
既存ブロック塀：
UP(白)
existing block wall:
oil paiont(white)
テラコッタタイル t=20mm
モルタル t=80mm
温水式床暖房
スタイロフォーム t=25mm
terracotta tile t=20mm
mortar t=80mm
hot-water floor heating
rigid insulation foam t=25mm
ささら：スチールプレート t=12mm
UE(白)
stringer : steel plate t=12mm
polyurethane resin enamel paint(white)
手摺：スチールロッド φ25mm
UE(白)
handrail : steel rod φ25mm
polyurethane resin enamel paint(white)
100
▽1FL=+100
125
150
100
▽GL±0
室1
room 1
コンクリート打放し UE(白)
打増し t=20mm
exposed concrete
polyurethane resin enamel paint (white) t=20mm
コンクリート打放し UE(淡黄)
exposed concrete
polyurethane resin enamel paint(light yellow)
コンクリート打放し UE(淡黄)
exposed concrete
polyurethane resin enamel paint(light yellow)
25
125
125
20
295
室2
room 2
2178
2425
ビニル床シート t=3mm
合板 t=12mm
温水式床暖房 t=12mm
合板 t=12mm
スタイロフォーム t=30mm
根太 30×45mm @303mm
polyvinyl-chloride flooring t=3mm
plywood t=12mm
hot-water floor heating t=12mm
plywood t=12mm
rigid insulation foam t=30mm
floor joist 30×45mm at 303mm centers
シナフラッシュ
AEP(白/書斎側)
AEP(淡黄/寝室側)
japanese linden flush
acrylic emulsion paint (white/study side)
acrylic emulsion paint (light yellow/bedroom side)
踏み面: ケイ砂入り塗装(白)
蹴込み面: ケイ砂入り塗装(白)
階段側面: UE(白)
tread: cilica sand painting (white)
kick: cilica sand painting (white)
side of stair: polyurethane resin enamel paint (white)
▽地階FL=-2353
72
300
60
60
72
300
2300
3751~3964
250
捨てコンクリート t=60mm
敷き砂利 t=60mm
concrete sub-slab t=60mm
gravel paving t=60mm

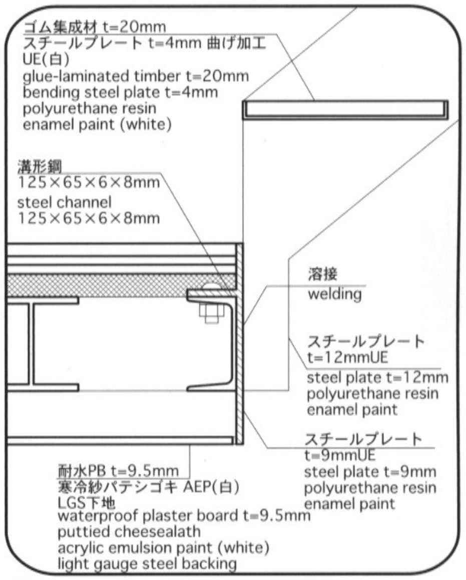
断面詳細パース / vertical section perspective S:1/30



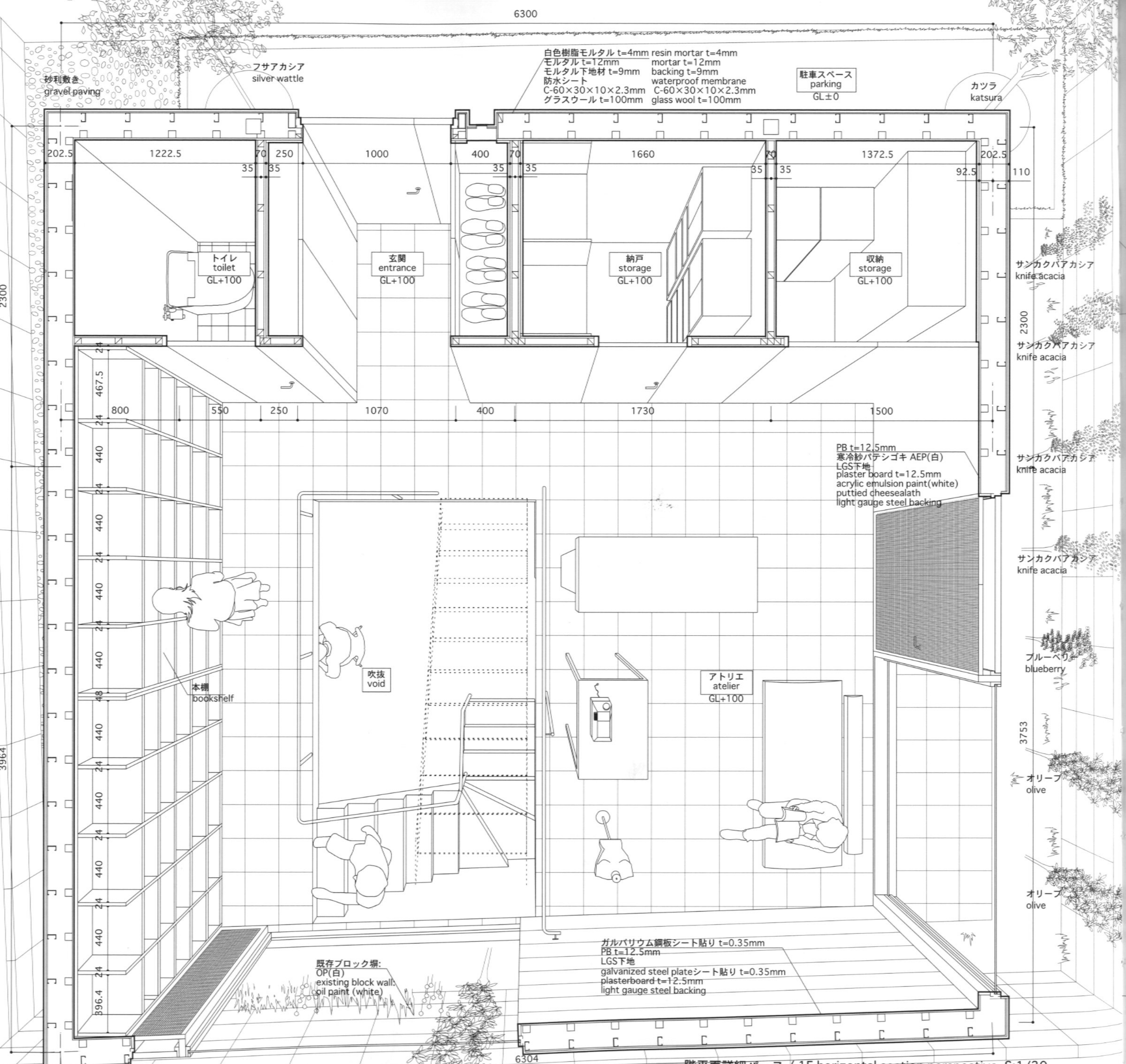
Ⓐパラペット詳細図 / parapet detail S:1/10



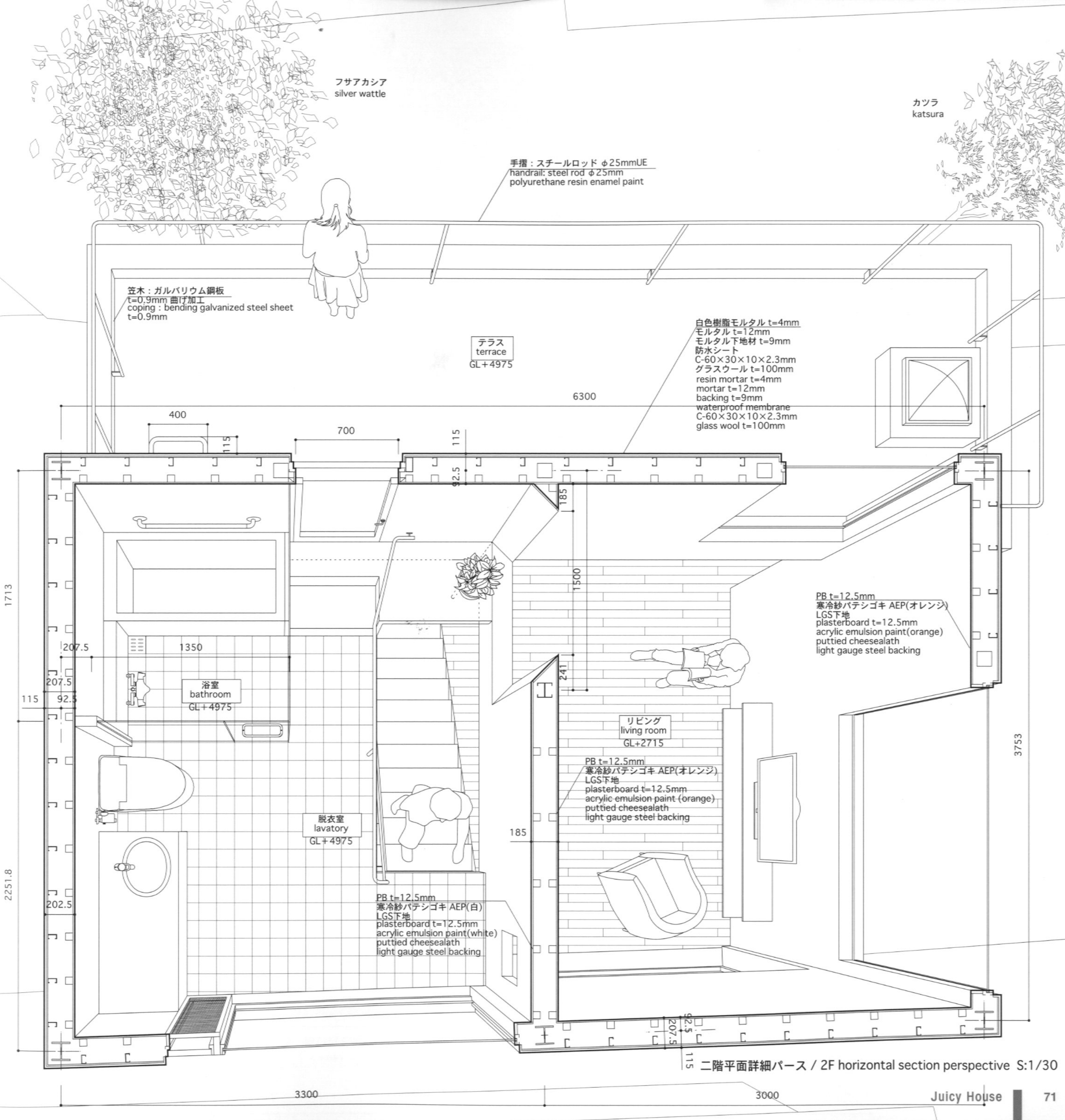
Ⓑ 玄関庇詳細図 / entrance eave detail S:1/10



Ⓒ 階段仕口詳細図 / stairs detail S:1/10



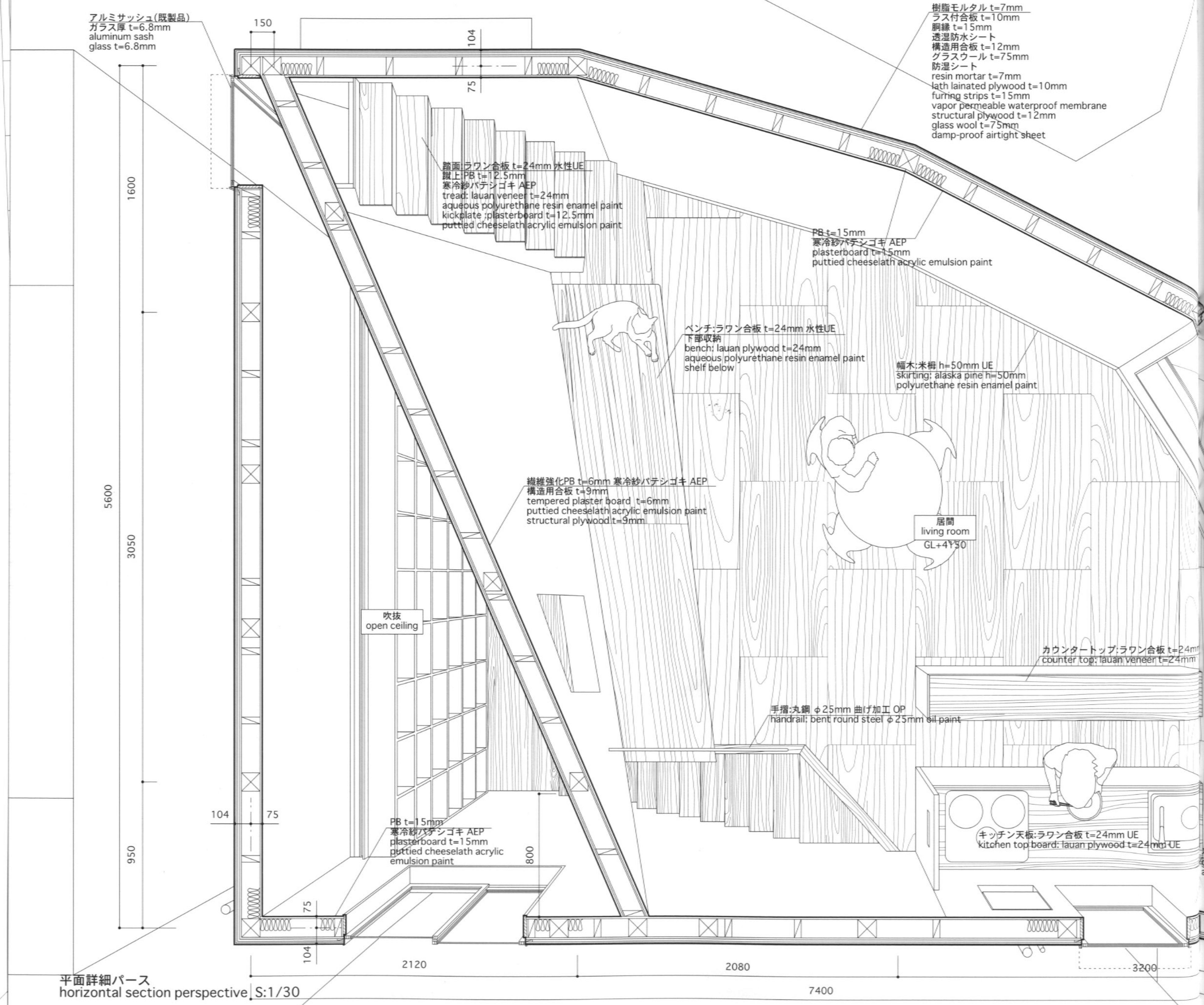
一階平面詳細パース / 1F horizontal section perspective S:1/30



二階平面詳細パース / 2F horizontal section perspective S:1/30

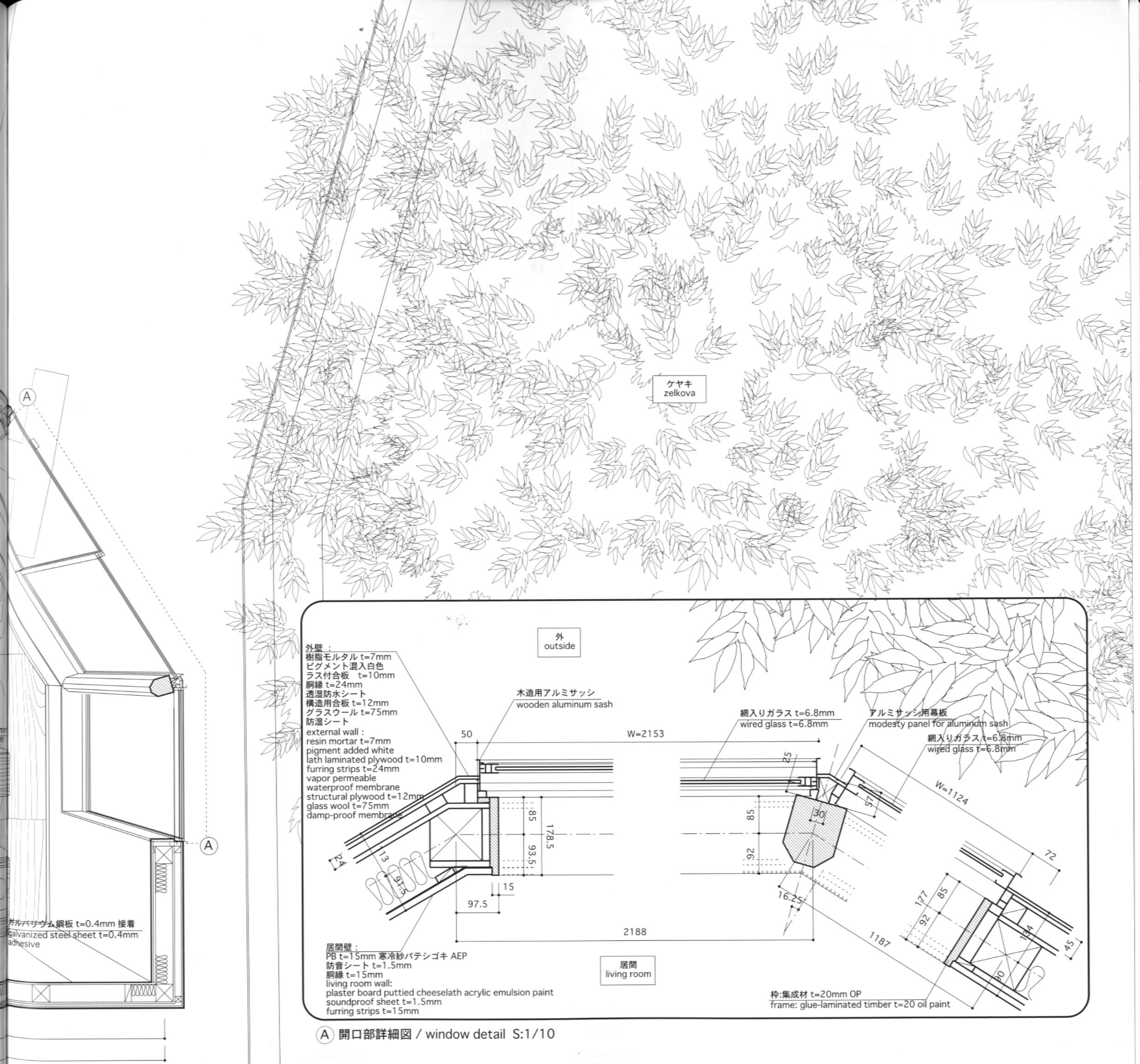
アコ・ハウス

Ako House

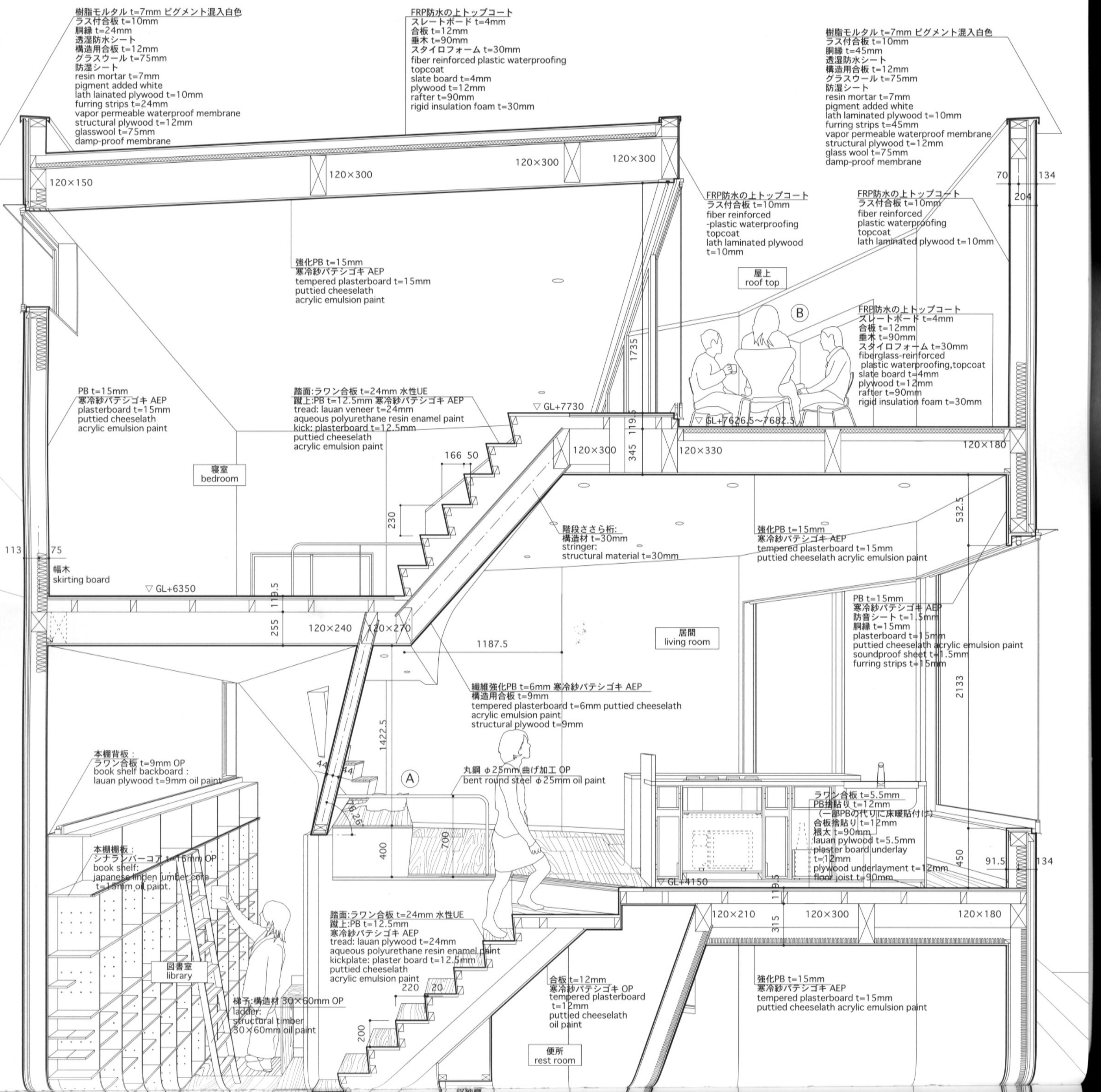


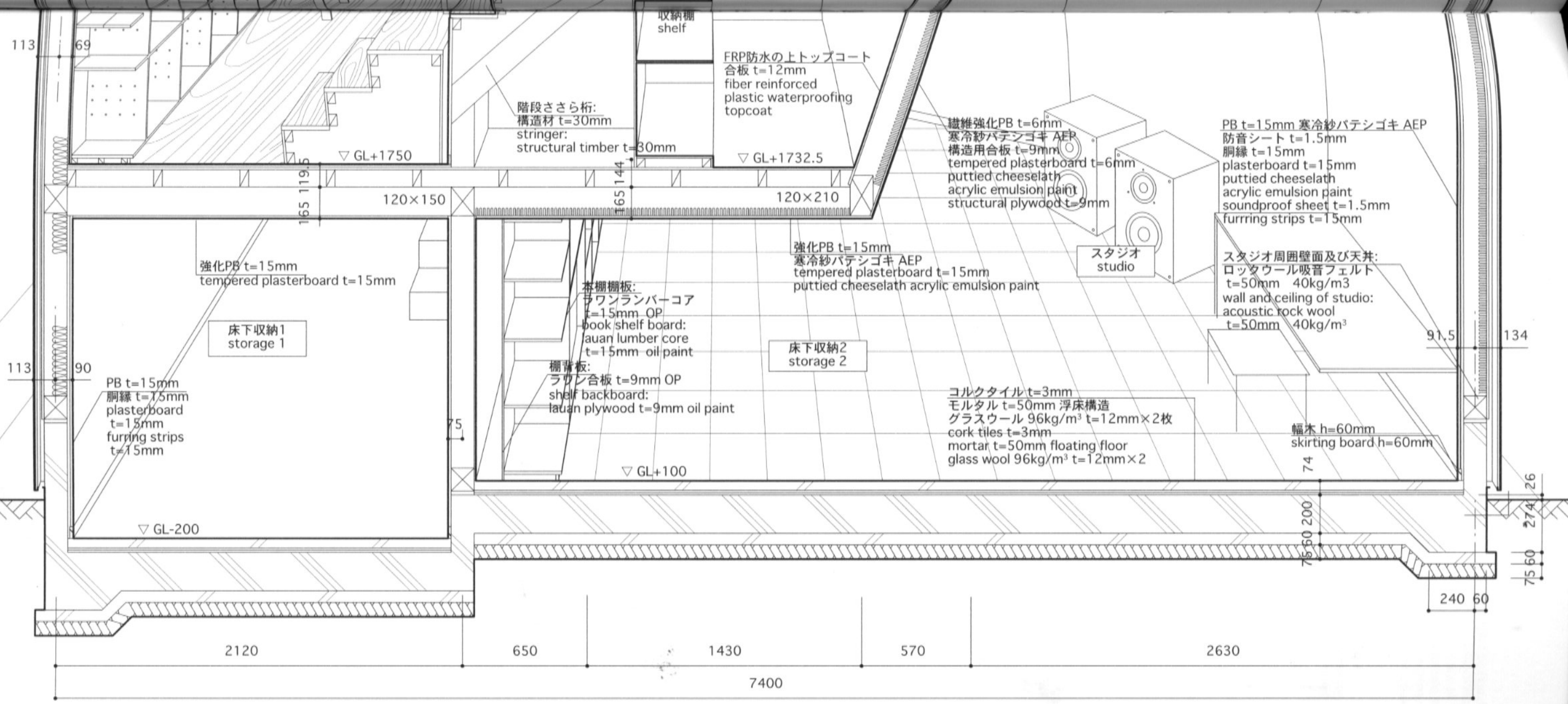
アルミサッシュ(既製品)
ガラス厚 t=6.8mm
aluminum sash
glass t=6.8mm
150
104
75
1600
5600
3050
950
104
75
75
104
800
樹脂モルタル t=7mm
ラス付合板 t=10mm
胴縁 t=15mm
透湿防水シート
構造用合板 t=12mm
グラスウール t=75mm
防湿シート
resin mortar t=7mm
lath lainated plywood t=10mm
furring strips t=15mm
vapor permeable waterproof membrane
structural plywood t=12mm
glass wool t=75mm
damp-proof airtight sheet
踏面:ラワン合板 t=24mm 水性UE
蹴上:PB t=12.5mm
寒冷紗パテシゴキ AEP
tread: lauan veneer t=24mm
aqueous polyurethane resin enamel paint
kickplate :plasterboard t=12.5mm
puttied cheeselath acrylic emulsion paint
PB t=15mm
寒冷紗パテシゴキ AEP
plasterboard t=15mm
puttied cheeselath acrylic emulsion paint
ベンチ:ラワン合板 t=24mm 水性UE
下部収納
bench: lauan plywood t=24mm
aqueous polyurethane resin enamel paint
shelf below
幅木:米栂 h=50mm UE
skirting: alaska pine h=50mm
polyurethane resin enamel paint
繊維強化PB t=6mm 寒冷紗パテシゴキ AEP
構造用合板 t=9mm
tempered plaster board t=6mm
puttied cheeselath acrylic emulsion paint
structural plywood t=9mm
居間
living room
GL+450
吹抜
open ceiling
カウンタートップ:ラワン合板 t=24mm
counter top: lauan veneer t=24mm
手摺:丸鋼 φ25mm 曲げ加工 OP
handrail: bent round steel φ25mm oil paint
PB t=15mm
寒冷紗パテシゴキ AEP
plasterboard t=15mm
puttied cheeselath acrylic
emulsion paint
キッチン天板:ラワン合板 t=24mm UE
kitchen top board: lauan plywood t=24mm UE
2120
2080
3200
7400

平面詳細パース
horizontal section perspective S:1/30

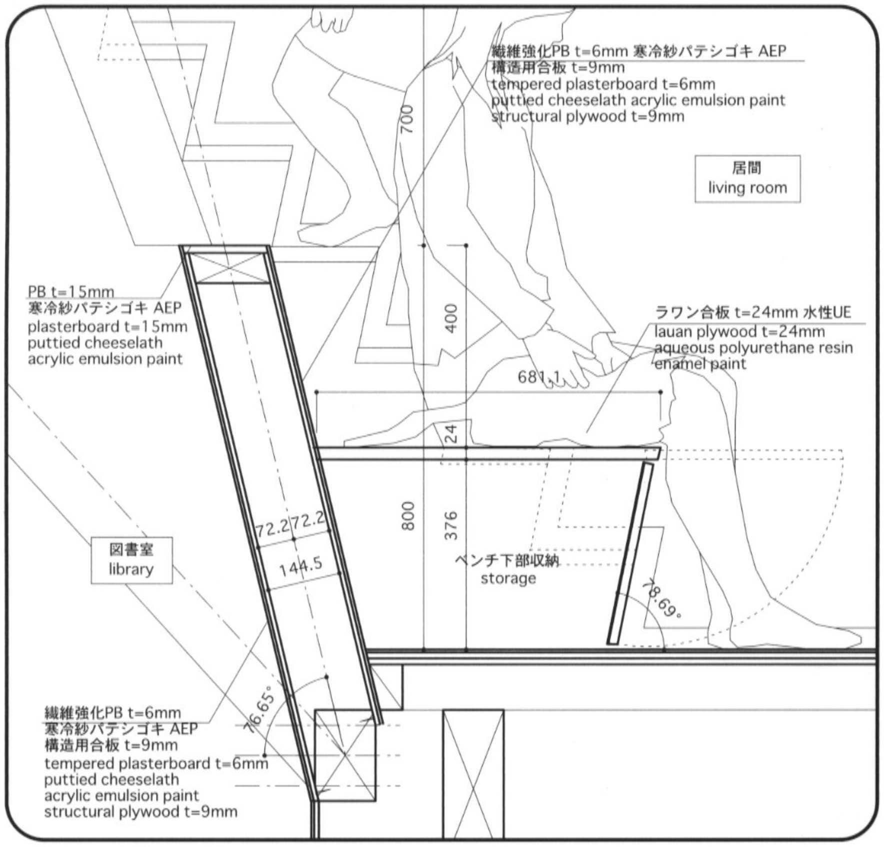


Ⓐ 開口部詳細図 / window detail S:1/10

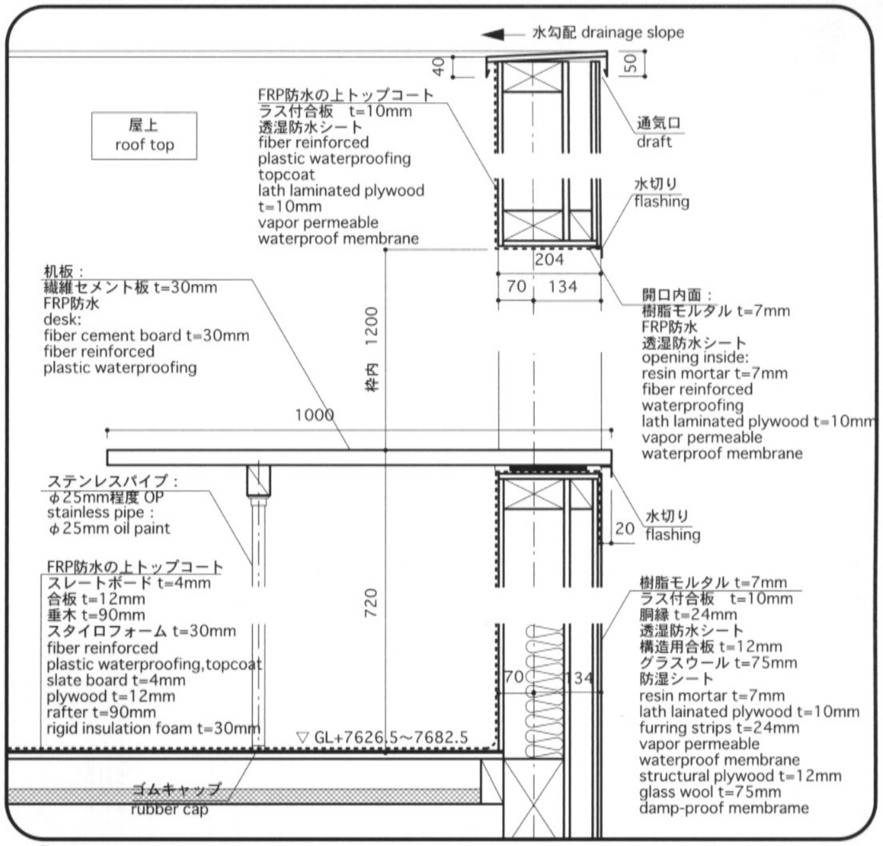

樹脂モルタル t=7mm ピグメント混入白色
ラス付合板 t=10mm
胴縁 t=24mm
透湿防水シート
構造用合板 t=12mm
グラスウール t=75mm
防湿シート
resin mortar t=7mm
pigment added white
lath lainated plywood t=10mm
furring strips t=24mm
vapor permeable waterproof membrane
structural plywood t=12mm
glasswool t=75mm
damp-proof membrane
FRP防水の上トップコート
スレートボード t=4mm
合板 t=12mm
垂木 t=90mm
スタイロフォーム t=30mm
fiber reinforced plastic waterproofing
topcoat
slate board t=4mm
plywood t=12mm
rafter t=90mm
rigid insulation foam t=30mm
樹脂モルタル t=7mm ピグメント混入白色
ラス付合板 t=10mm
胴縁 t=45mm
透湿防水シート
構造用合板 t=12mm
グラスウール t=75mm
防湿シート
resin mortar t=7mm
pigment added white
lath laminated plywood t=10mm
furring strips t=45mm
vapor permeable waterproof membrane
structural plywood t=12mm
glass wool t=75mm
damp-proof membrane
120×150
120×300
120×300
120×300
70
134
204
FRP防水の上トップコート
ラス付合板 t=10mm
fiber reinforced
-plastic waterproofing
topcoat
lath laminated plywood
t=10mm
FRP防水の上トップコート
ラス付合板 t=10mm
fiber reinforced
plastic waterproofing
topcoat
lath laminated plywood t=10mm
強化PB t=15mm
寒冷紗パテシゴキ AEP
tempered plasterboard t=15mm
puttied cheeselath
acrylic emulsion paint
屋上
roof top
Ⓑ
FRP防水の上トップコート
スレートボード t=4mm
合板 t=12mm
垂木 t=90mm
スタイロフォーム t=30mm
fiberglass-reinforced
plastic waterproofing,topcoat
slate board t=4mm
plywood t=12mm
rafter t=90mm
rigid insulation foam t=30mm
1735
PB t=15mm
寒冷紗パテシゴキ AEP
plasterboard t=15mm
puttied cheeselath
acrylic emulsion paint
踏面:ラワン合板 t=24mm 水性UE
蹴上:PB t=12.5mm 寒冷紗パテシゴキ AEP
tread: lauan veneer t=24mm
aqueous polyurethane resin enamel paint
kick: plasterboard t=12.5mm
puttied cheeselath
acrylic emulsion paint
▽ GL+7730
119.5
▽ GL+7626.5~7682.5
120×300
345
120×330
120×180
166
50
寝室
bedroom
230
階段ささら桁:
構造材 t=30mm
stringer:
structural material t=30mm
強化PB t=15mm
寒冷紗パテシゴキ AEP
tempered plasterboard t=15mm
puttied cheeselath acrylic emulsion paint
532.5
113
75
幅木
skirting board
▽ GL+6350
119.5
255
120×240
120×270
1187.5
居間
living room
PB t=15mm
寒冷紗パテシゴキ AEP
防音シート t=1.5mm
胴縁 t=15mm
plasterboard t=15mm
puttied cheeselath acrylic emulsion paint
soundproof sheet t=1.5mm
furring strips t=15mm
2133
繊維強化PB t=6mm 寒冷紗パテシゴキ AEP
構造用合板 t=9mm
tempered plasterboard t=6mm puttied cheeselath
acrylic emulsion paint
structural plywood t=9mm
1422.5
本棚背板:
ラワン合板 t=9mm OP
book shelf backboard :
lauan plywood t=9mm oil paint
44
44
Ⓐ
丸鋼 φ25mm 曲げ加工 OP
bent round steel φ25mm oil paint
76.26°
400
700
ラワン合板 t=5.5mm
PB捨貼り t=12mm
（一部PBの代りに床暖貼付け）
合板捨貼り t=12mm
根太 t=90mm
lauan pylwood t=5.5mm
plaster board underlay
t=12mm
plywood underlayment t=12mm
floor joist t=90mm
450
91.5
134
本棚棚板:
シナランバーコア t=15mm OP
book shelf:
japanese linden lumber core
t=15mm oil paint.
▽ GL+4150
119.5
315
120×210
120×300
120×180
踏面:ラワン合板 t=24mm 水性UE
蹴上:PB t=12.5mm
寒冷紗パテシゴキ AEP
tread: lauan plywood t=24mm
aqueous polyurethane resin enamel paint
kickplate: plaster board t=12.5mm
puttied cheeselath
acrylic emulsion paint
220
20
図書室
library
梯子:構造材 30×60mm OP
ladder:
structural timber
30×60mm oil paint
200
合板 t=12mm
寒冷紗パテシゴキ OP
tempered plasterboard
t=12mm
puttied cheeselath
oil paint
強化PB t=15mm
寒冷紗パテシゴキ AEP
tempered plasterboard t=15mm
puttied cheeselath acrylic emulsion paint
便所
rest room



断面詳細パース / vertical section perspective S:1/33

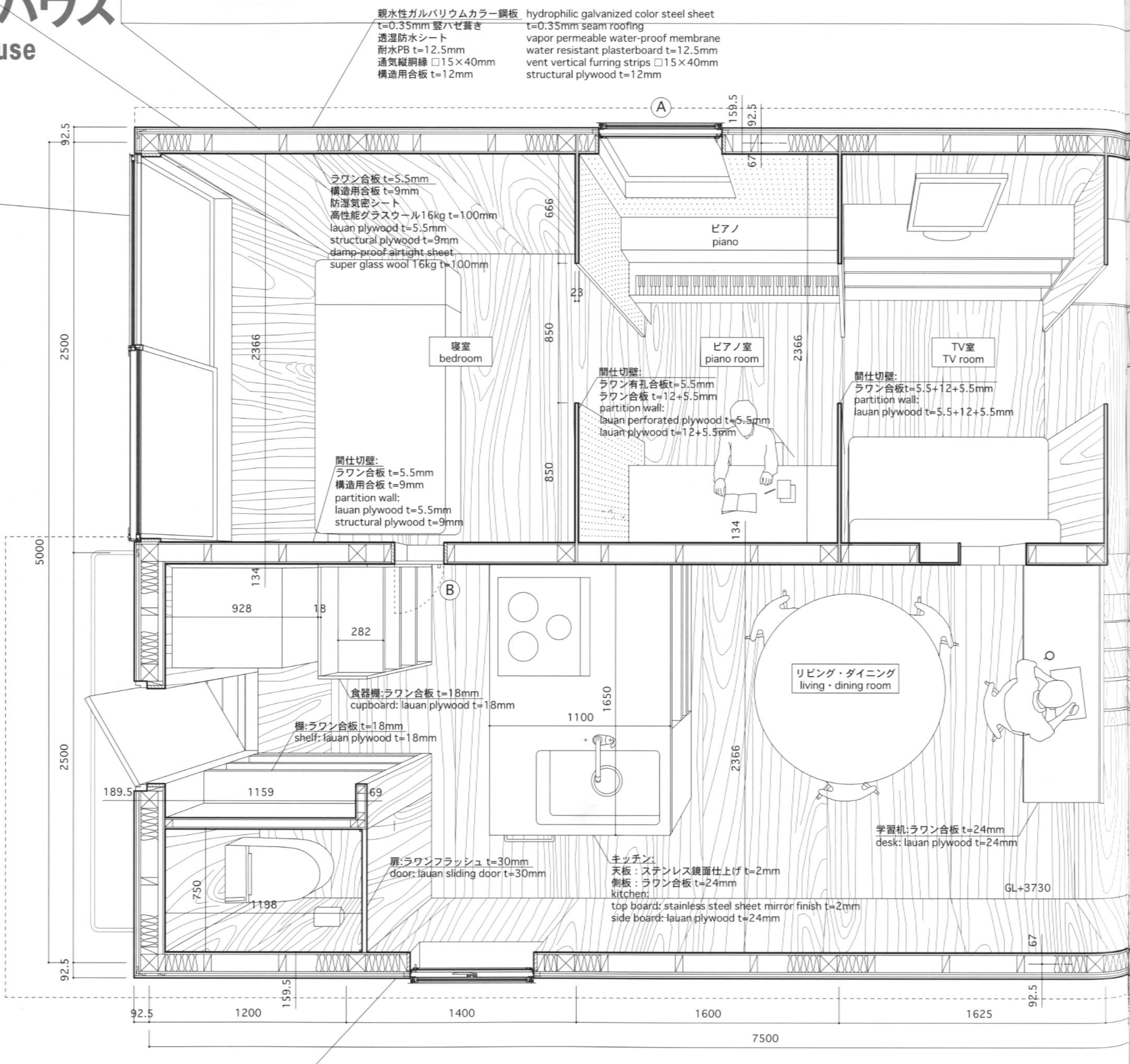


Ⓐ ねじれ壁断面詳細図 / tortuous wall section detail S:1/15

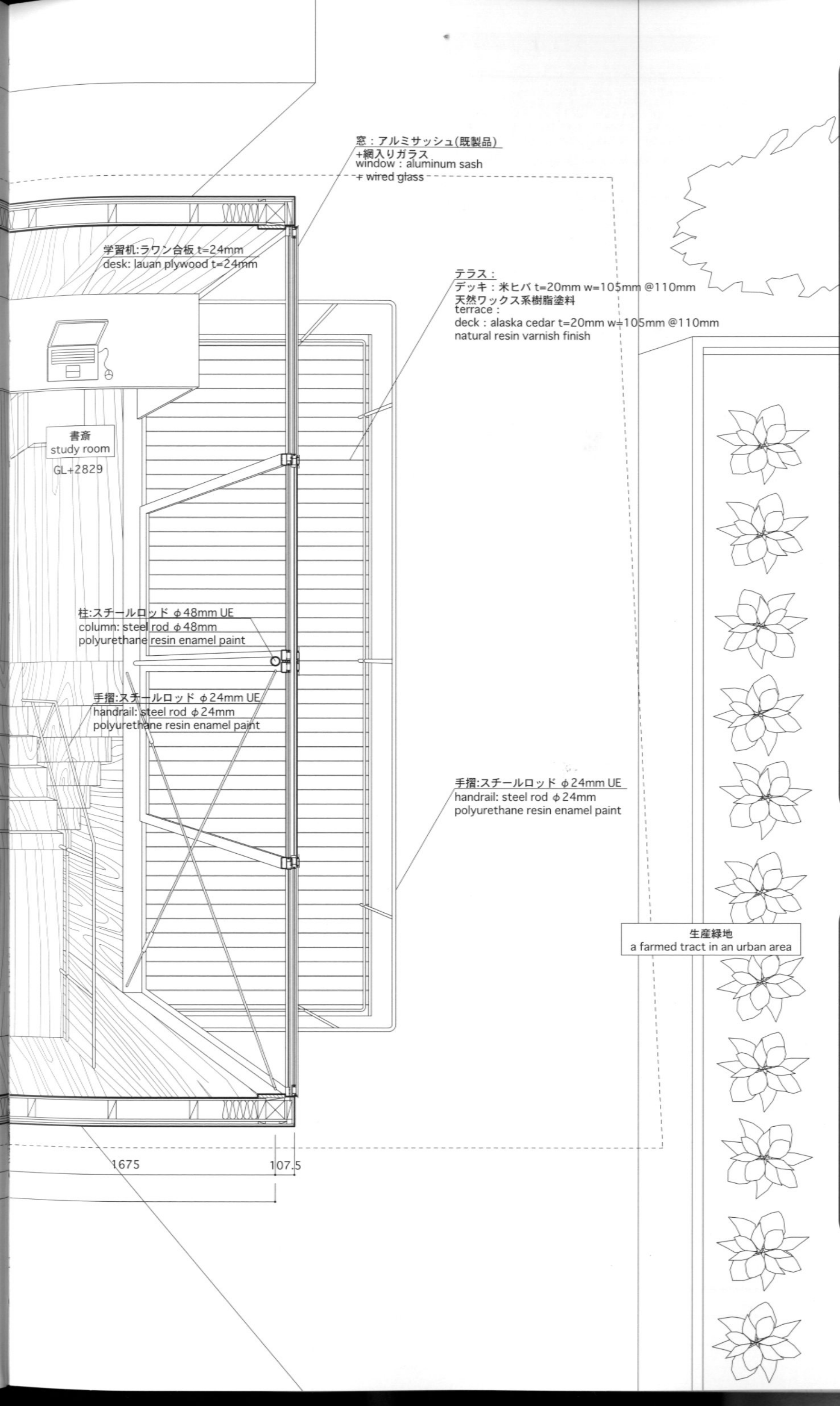


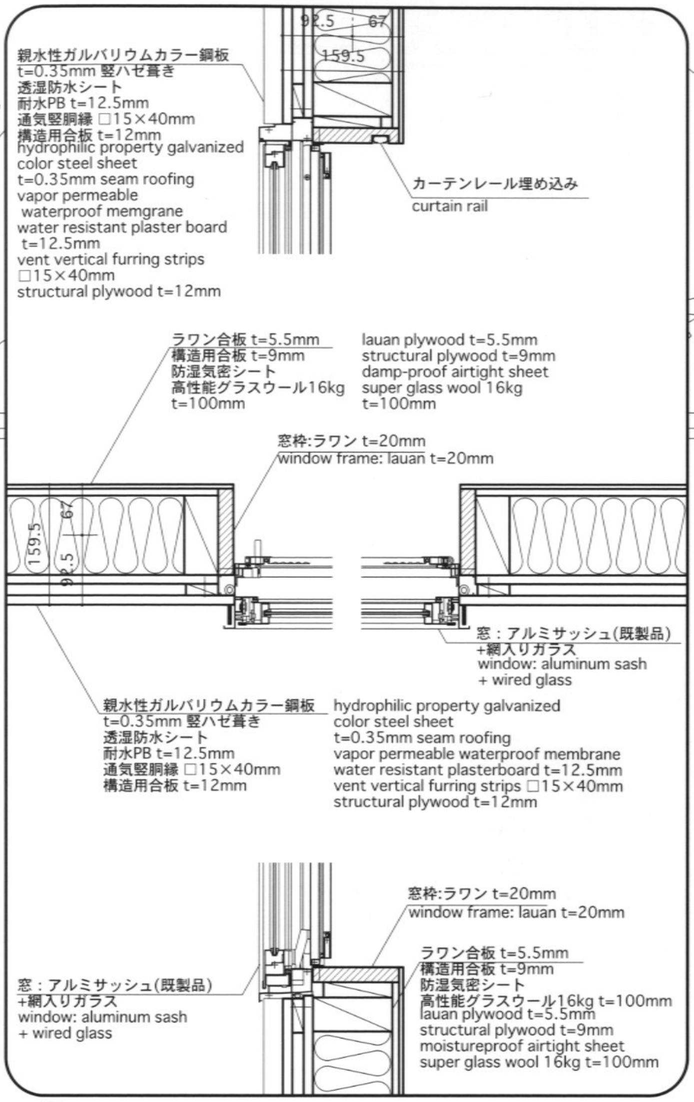
Ⓑ 屋上断面詳細図 / roof top section detail S:1/15

ガク・ハウス
Gak House

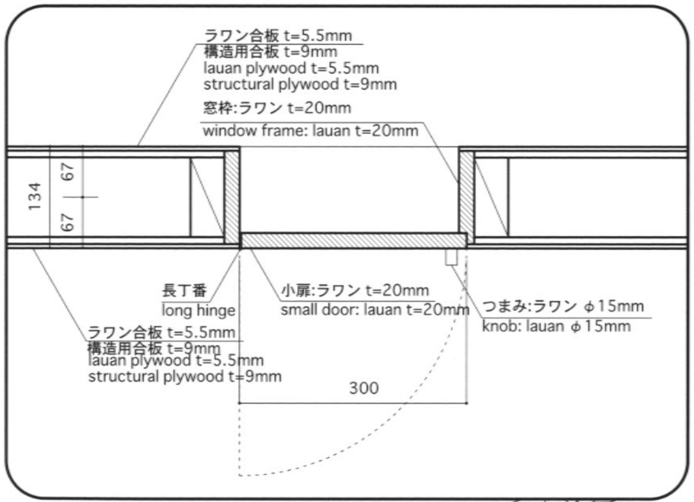


平面詳細パース / horizontal section perspective S:1/30

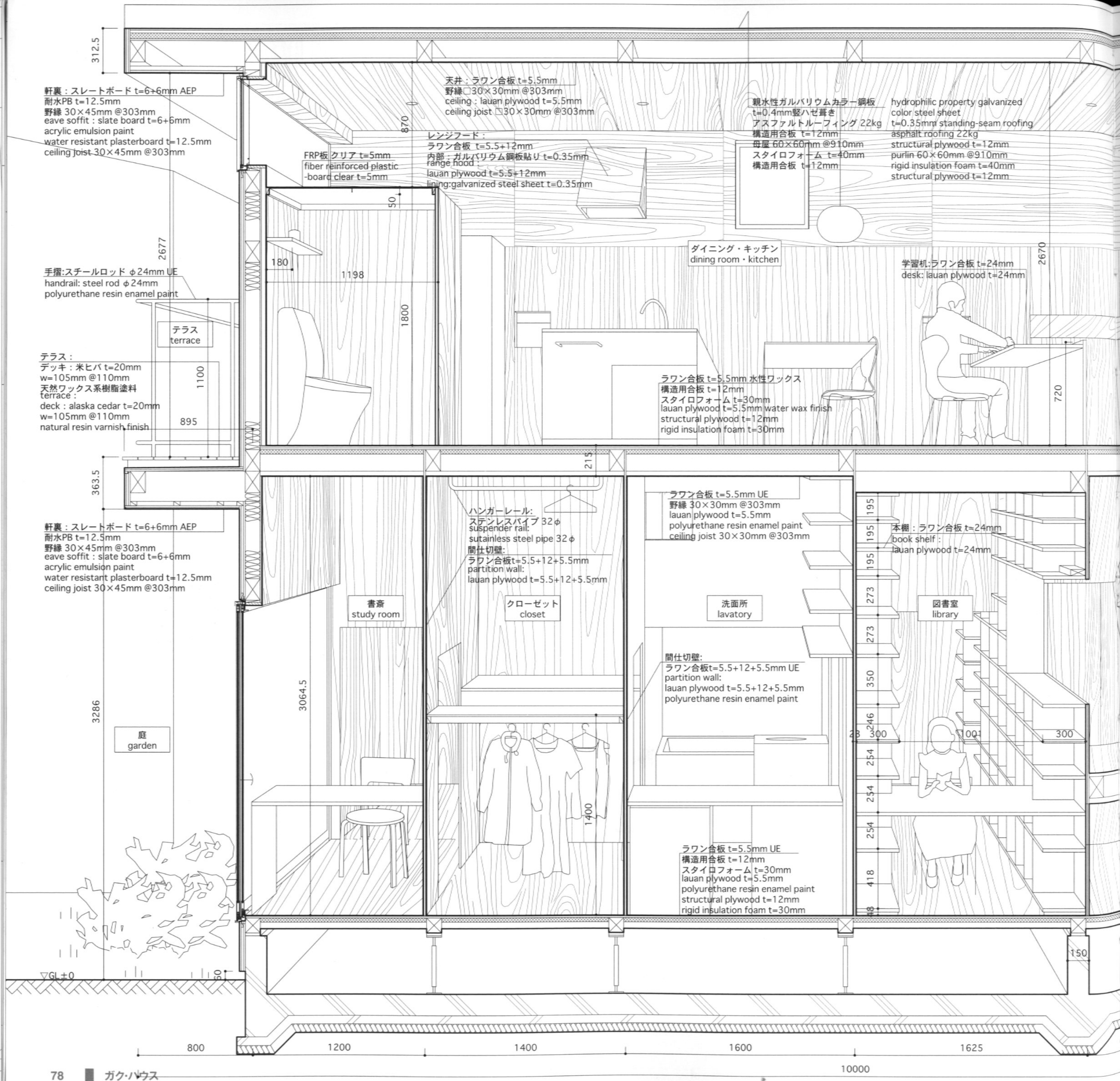

窓：アルミサッシュ(既製品)
+網入りガラス
window : aluminum sash
+ wired glass
学習机:ラワン合板 t=24mm
desk: lauan plywood t=24mm
テラス：
デッキ：米ヒバ t=20mm w=105mm @110mm
天然ワックス系樹脂塗料
terrace :
deck : alaska cedar t=20mm w=105mm @110mm
natural resin varnish finish
書斎
study room
GL+2829
柱:スチールロッド φ48mm UE
column: steel rod φ48mm
polyurethane resin enamel paint
手摺:スチールロッド φ24mm UE
handrail: steel rod φ24mm
polyurethane resin enamel paint
手摺:スチールロッド φ24mm UE
handrail: steel rod φ24mm
polyurethane resin enamel paint
生産緑地
a farmed tract in an urban area
1675
107.5

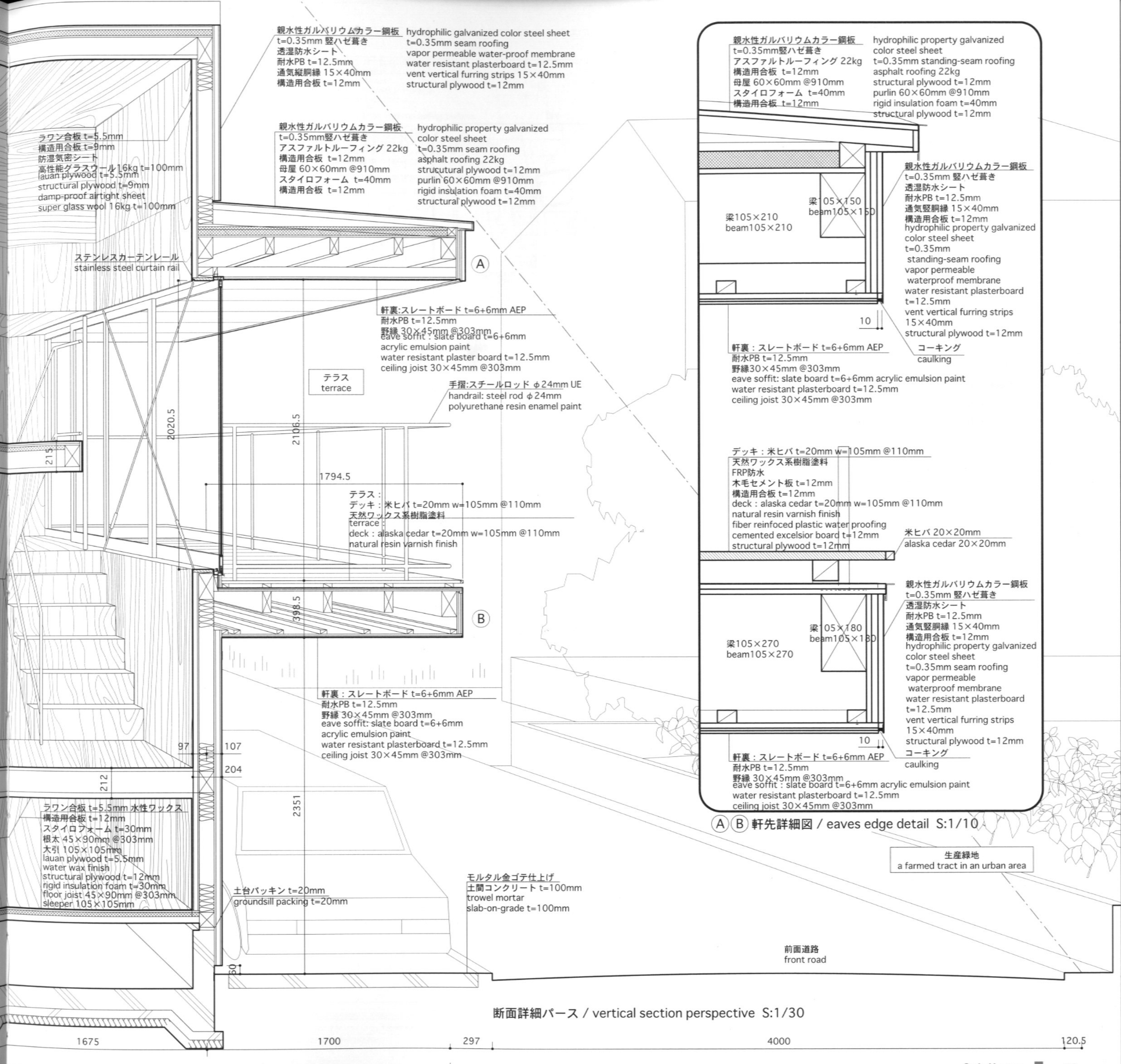


Ⓐ 開口部詳細図 / window detail S:1/10



Ⓑ 室内窓詳細図 / indoor window detail S:1/10


312.5
軒裏：スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁 30×45mm @303mm
eave soffit : slate board t=6+6mm
acrylic emulsion paint
water resistant plasterboard t=12.5mm
ceiling joist 30×45mm @303mm
天井：ラワン合板 t=5.5mm
野縁□30×30mm @303mm
ceiling : lauan plywood t=5.5mm
ceiling joist □30×30mm @303mm
870
親水性ガルバリウムカラー鋼板
t=0.4mm竪ハゼ葺き
アスファルトルーフィング 22kg
構造用合板 t=12mm
母屋 60×60mm @910mm
スタイロフォーム t=40mm
構造用合板 t=12mm
hydrophilic property galvanized
color steel sheet
t=0.35mm standing-seam roofing
asphalt roofing 22kg
structural plywood t=12mm
purlin 60×60mm @910mm
rigid insulation foam t=40mm
structural plywood t=12mm
レンジフード：
ラワン合板 t=5.5+12mm
内部：ガルバリウム鋼板貼り t=0.35mm
range hood :
lauan plywood t=5.5+12mm
lining:galvanized steel sheet t=0.35mm
FRP板 クリア t=5mm
fiber reinforced plastic
-board clear t=5mm
50
2677
180
1198
1800
ダイニング・キッチン
dining room・kitchen
2670
学習机:ラワン合板 t=24mm
desk: lauan plywood t=24mm
手摺:スチールロッド φ24mm UE
handrail: steel rod φ24mm
polyurethane resin enamel paint
テラス
terrace
テラス：
デッキ：米ヒバ t=20mm
w=105mm @110mm
天然ワックス系樹脂塗料
terrace :
deck : alaska cedar t=20mm
w=105mm @110mm
natural resin varnish finish
1100
895
ラワン合板 t=5.5mm 水性ワックス
構造用合板 t=12mm
スタイロフォーム t=30mm
lauan plywood t=5.5mm water wax finish
structural plywood t=12mm
rigid insulation foam t=30mm
720
215
363.5
軒裏：スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁 30×45mm @303mm
eave soffit : slate board t=6+6mm
acrylic emulsion paint
water resistant plasterboard t=12.5mm
ceiling joist 30×45mm @303mm
ハンガーレール:
ステンレスパイプ 32φ
suspender rail:
sutainless steel pipe 32φ
間仕切壁:
ラワン合板t=5.5+12+5.5mm
partition wall:
lauan plywood t=5.5+12+5.5mm
ラワン合板 t=5.5mm UE
野縁 30×30mm @303mm
lauan plywood t=5.5mm
polyurethane resin enamel paint
ceiling joist 30×30mm @303mm
本棚：ラワン合板 t=24mm
book shelf :
lauan plywood t=24mm
195
195
195
273
273
350
246
254
254
254
418
48
書斎
study room
クローゼット
closet
洗面所
lavatory
図書室
library
間仕切壁:
ラワン合板t=5.5+12+5.5mm UE
partition wall:
lauan plywood t=5.5+12+5.5mm
polyurethane resin enamel paint
3064.5
28
300
1001
300
3286
庭
garden
1400
ラワン合板 t=5.5mm UE
構造用合板 t=12mm
スタイロフォーム t=30mm
lauan plywood t=5.5mm
polyurethane resin enamel paint
structural plywood t=12mm
rigid insulation foam t=30mm
150
▽GL±0
50
800
1200
1400
1600
1625
10000

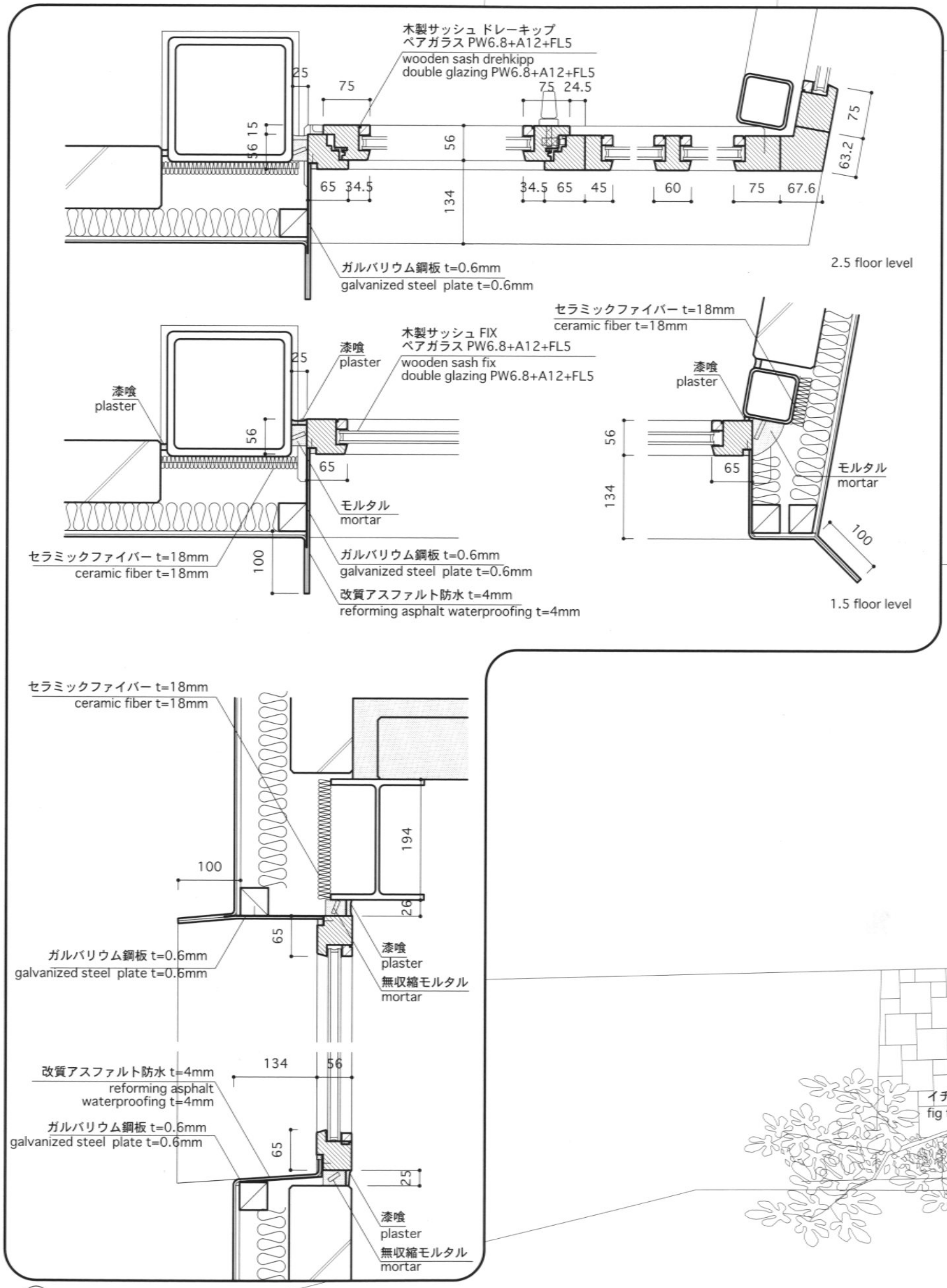

親水性ガルバリウムカラー鋼板
t=0.35mm 竪ハゼ葺き
透湿防水シート
耐水PB t=12.5mm
通気縦胴縁 15×40mm
構造用合板 t=12mm
hydrophilic galvanized color steel sheet
t=0.35mm seam roofing
vapor permeable water-proof membrane
water resistant plasterboard t=12.5mm
vent vertical furring strips 15×40mm
structural plywood t=12mm
ラワン合板 t=5.5mm
構造用合板 t=9mm
防湿気密シート
高性能グラスウール16kg t=100mm
lauan plywood t=5.5mm
structural plywood t=9mm
damp-proof airtight sheet
super glass wool 16kg t=100mm
親水性ガルバリウムカラー鋼板
t=0.35mm竪ハゼ葺き
アスファルトルーフィング 22kg
構造用合板 t=12mm
母屋 60×60mm @910mm
スタイロフォーム t=40mm
構造用合板 t=12mm
hydrophilic property galvanized
color steel sheet
t=0.35mm seam roofing
asphalt roofing 22kg
strucutural plywood t=12mm
purlin 60×60mm @910mm
rigid insulation foam t=40mm
structural plywood t=12mm
ステンレスカーテンレール
stainless steel curtain rail
Ⓐ
軒裏:スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁 30×45mm @303mm
eave soffit : slate board t=6+6mm
acrylic emulsion paint
water resistant plaster board t=12.5mm
ceiling joist 30×45mm @303mm
テラス
terrace
手摺:スチールロッド φ24mm UE
handrail: steel rod φ24mm
polyurethane resin enamel paint
2020.5
2106.5
215
1794.5
テラス：
デッキ：米ヒバ t=20mm w=105mm @110mm
天然ワックス系樹脂塗料
terrace :
deck : alaska cedar t=20mm w=105mm @110mm
natural resin varnish finish
398.5
Ⓑ
軒裏：スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁 30×45mm @303mm
eave soffit: slate board t=6+6mm
acrylic emulsion paint
water resistant plasterboard t=12.5mm
ceiling joist 30×45mm @303mm
97
107
204
212
2351
ラワン合板 t=5.5mm 水性ワックス
構造用合板 t=12mm
スタイロフォーム t=30mm
根太 45×90mm @303mm
大引 105×105mm
lauan plywood t=5.5mm
water wax finish
structural plywood t=12mm
rigid insulation foam t=30mm
floor joist 45×90mm @303mm
sleeper 105×105mm
土台パッキン t=20mm
groundsill packing t=20mm
モルタル金ゴテ仕上げ
土間コンクリート t=100mm
trowel mortar
slab-on-grade t=100mm
50
前面道路
front road
生産緑地
a farmed tract in an urban area
1675
1700
297
4000
120.5
親水性ガルバリウムカラー鋼板
t=0.35mm竪ハゼ葺き
アスファルトルーフィング 22kg
構造用合板 t=12mm
母屋 60×60mm @910mm
スタイロフォーム t=40mm
構造用合板 t=12mm
hydrophilic property galvanized
color steel sheet
t=0.35mm standing-seam roofing
asphalt roofing 22kg
structural plywood t=12mm
purlin 60×60mm @910mm
rigid insulation foam t=40mm
structural plywood t=12mm
梁105×210
beam105×210
梁105×150
beam105×150
親水性ガルバリウムカラー鋼板
t=0.35mm 竪ハゼ葺き
透湿防水シート
耐水PB t=12.5mm
通気竪胴縁 15×40mm
構造用合板 t=12mm
hydrophilic property galvanized
color steel sheet
t=0.35mm
standing-seam roofing
vapor permeable
waterproof membrane
water resistant plasterboard
t=12.5mm
vent vertical furring strips
15×40mm
structural plywood t=12mm
10
コーキング
caulking
軒裏：スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁30×45mm @303mm
eave soffit: slate board t=6+6mm acrylic emulsion paint
water resistant plasterboard t=12.5mm
ceiling joist 30×45mm @303mm
デッキ：米ヒバ t=20mm w=105mm @110mm
天然ワックス系樹脂塗料
FRP防水
木毛セメント板 t=12mm
構造用合板 t=12mm
deck : alaska cedar t=20mm w=105mm @110mm
natural resin varnish finish
fiber reinfoced plastic water proofing
cemented excelsior board t=12mm
structural plywood t=12mm
米ヒバ 20×20mm
alaska cedar 20×20mm
親水性ガルバリウムカラー鋼板
t=0.35mm 竪ハゼ葺き
透湿防水シート
耐水PB t=12.5mm
通気竪胴縁 15×40mm
構造用合板 t=12mm
hydrophilic property galvanized
color steel sheet
t=0.35mm seam roofing
vapor permeable
waterproof membrane
water resistant plasterboard
t=12.5mm
vent vertical furring strips
15×40mm
structural plywood t=12mm
梁105×270
beam105×270
梁105×180
beam105×180
10
コーキング
caulking
軒裏：スレートボード t=6+6mm AEP
耐水PB t=12.5mm
野縁 30×45mm @303mm
eave soffit : slate board t=6+6mm acrylic emulsion paint
water resistant plasterboard t=12.5mm
ceiling joist 30×45mm @303mm

ⒶⒷ 軒先詳細図 / eaves edge detail S:1/10

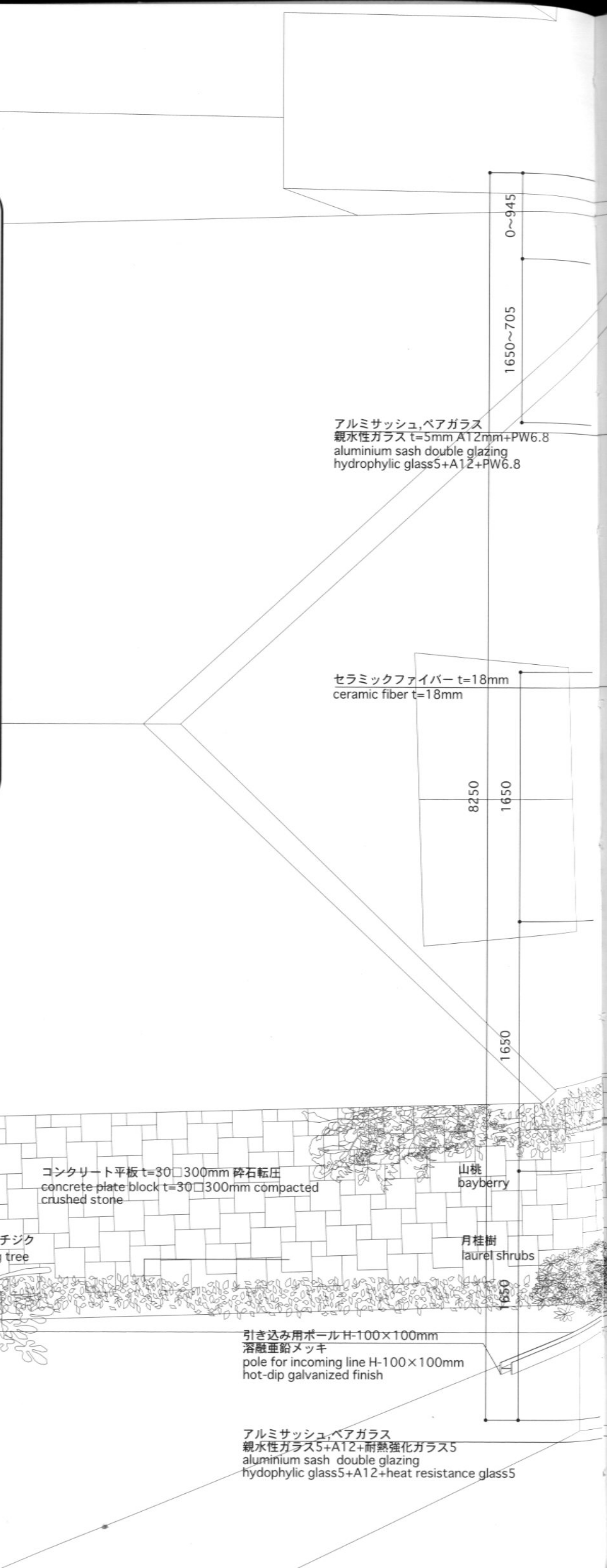
断面詳細パース / vertical section perspective S:1/30

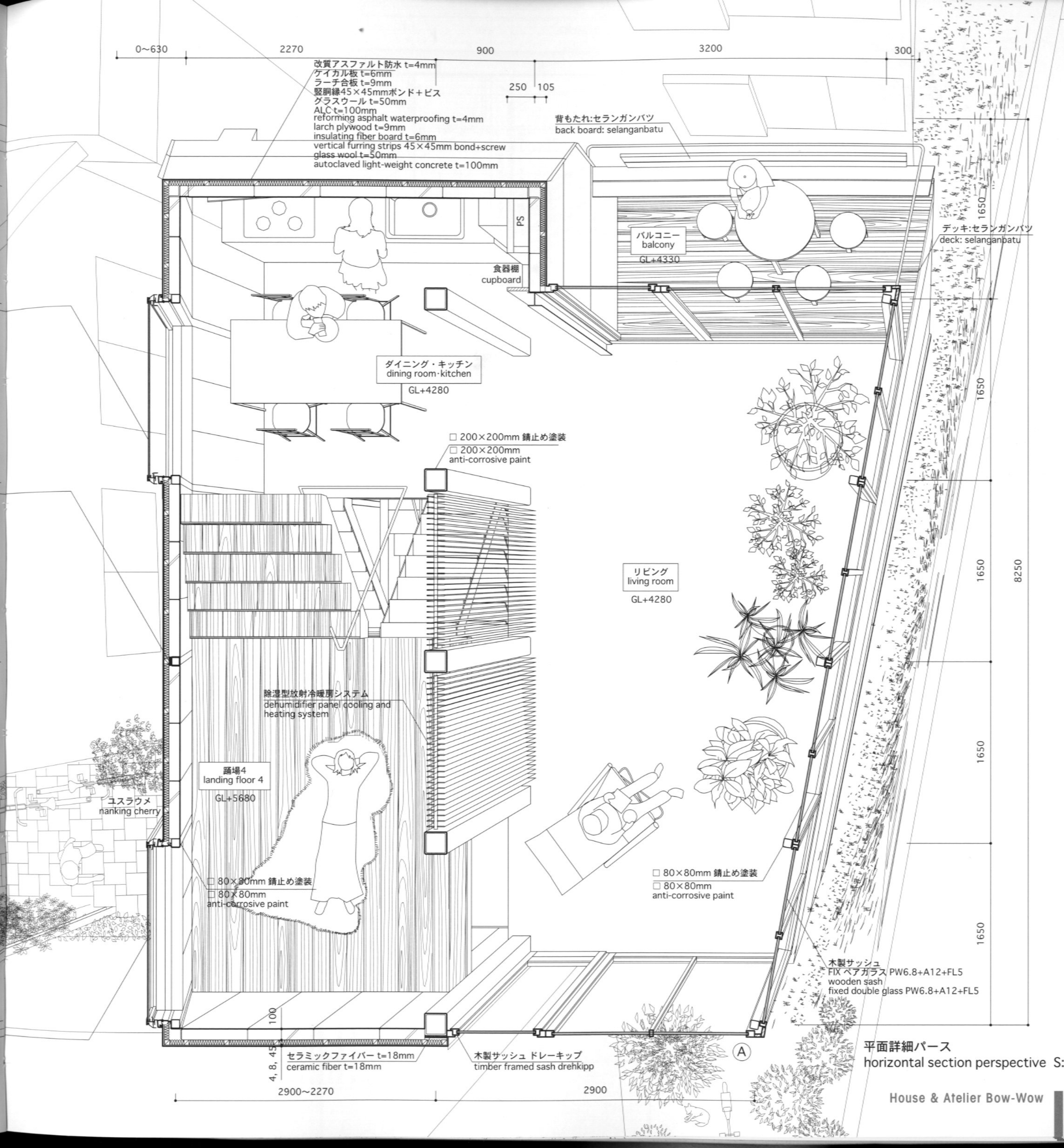
ハウス＆アトリエ・ワン

House & Atelier Bow-Wow

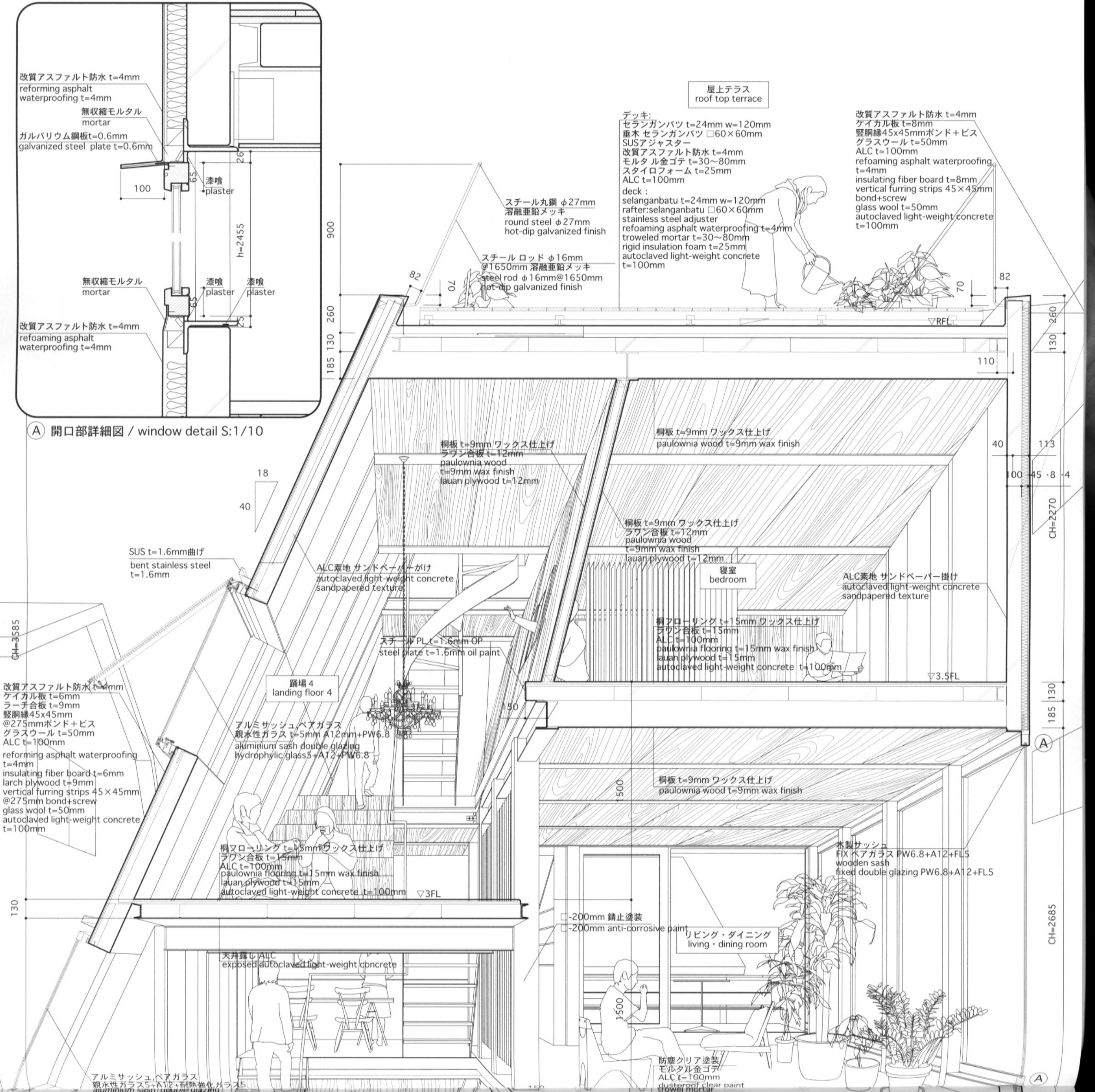


Ⓐ 開口部詳細図 / window detail S:1/10


0~945
1650~705
8250
1650
アルミサッシュ,ペアガラス
親水性ガラス t=5mm A12mm+PW6.8
aluminium sash double glazing
hydrophylic glass5+A12+PW6.8
セラミックファイバー t=18mm
ceramic fiber t=18mm
コンクリート平板 t=30□300mm 砕石転圧
concrete plate block t=30□300mm compacted crushed stone
イチジク
fig tree
山桃
bayberry
月桂樹
laurel shrubs
引き込み用ポール H-100×100mm
溶融亜鉛メッキ
pole for incoming line H-100×100mm
hot-dip galvanized finish
アルミサッシュ,ペアガラス
親水性ガラス5+A12+耐熱強化ガラス5
aluminium sash double glazing
hydophylic glass5+A12+heat resistance glass5

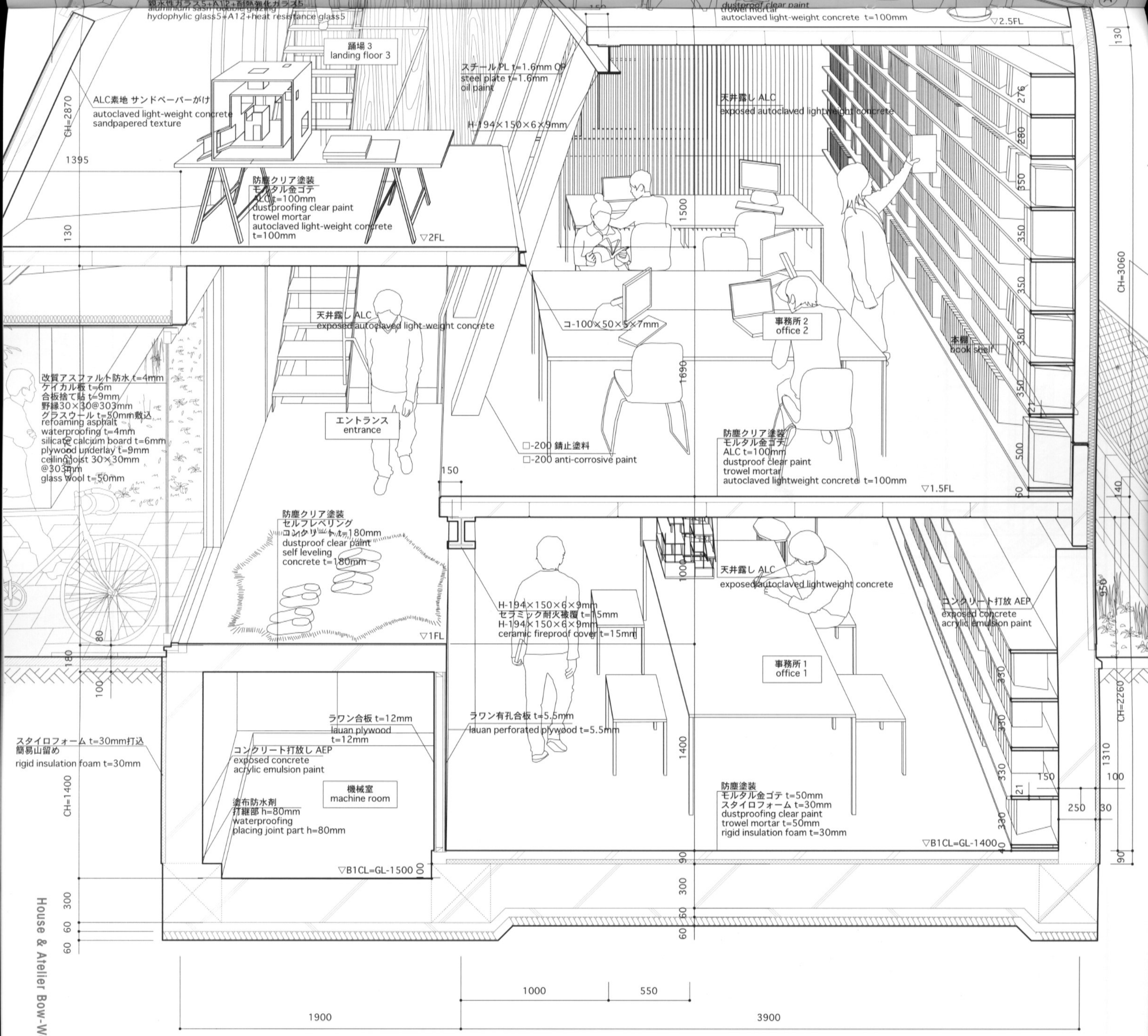


平面詳細パース
horizontal section perspective S:1/40

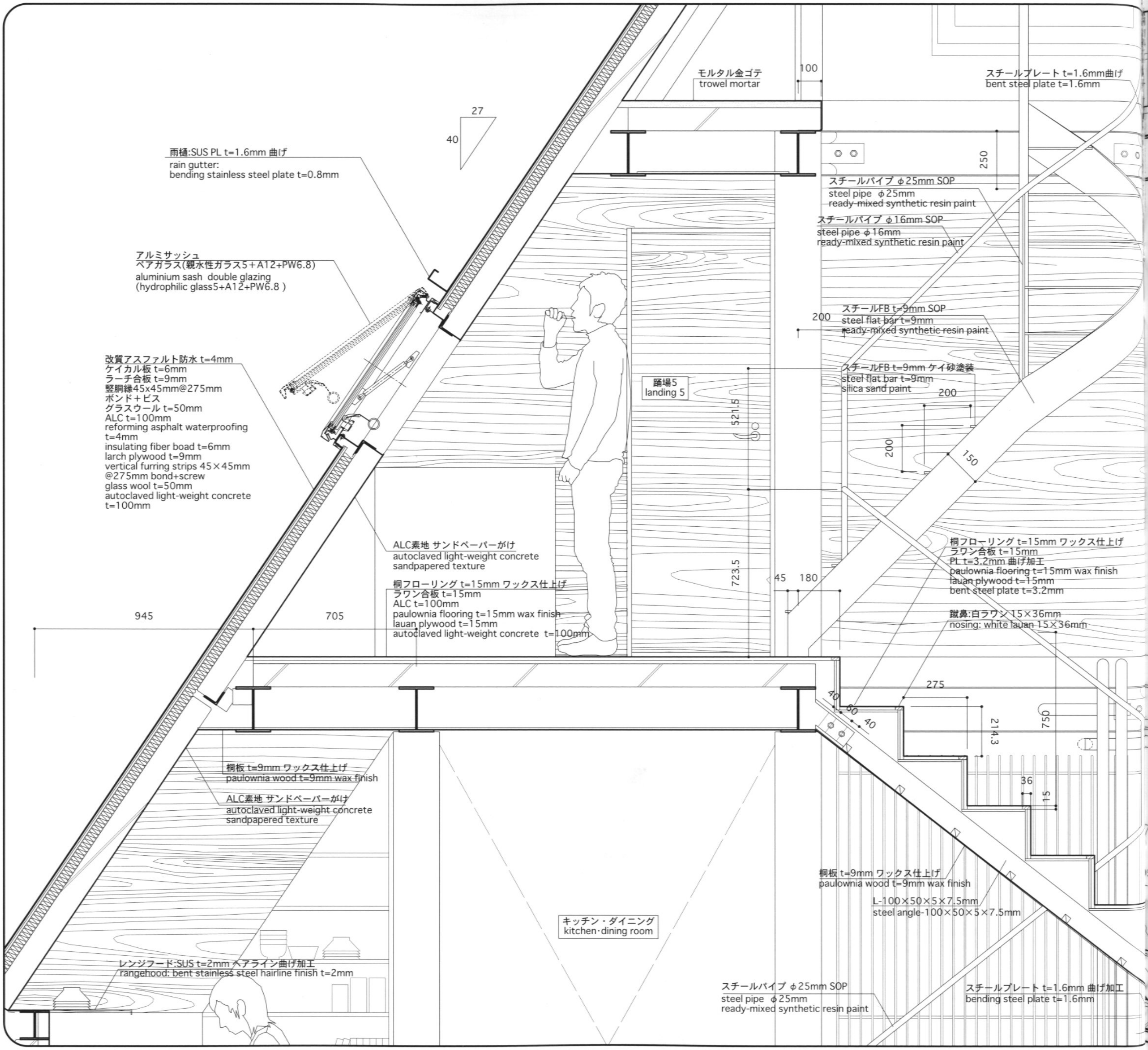


Ⓐ 開口部詳細図 / window detail S:1/10

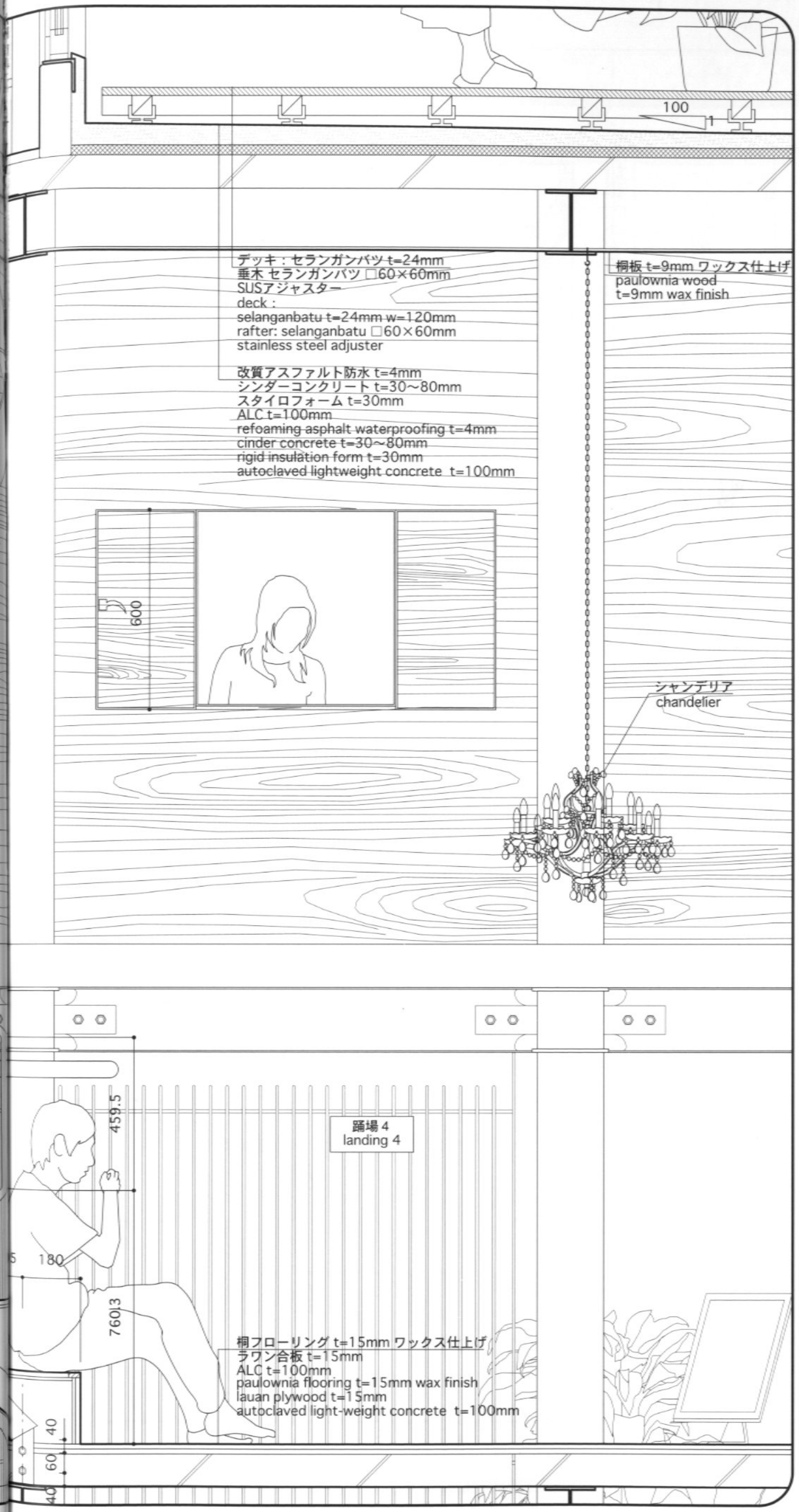
改質アスファルト防水 t=4mm
reforming asphalt waterproofing t=4mm
無収縮モルタル
mortar
ガルバリウム鋼板t=0.6mm
galvanized steel plate t=0.6mm
26
65
100
漆喰
plaster
h=2455
無収縮モルタル
mortar
漆喰
plaster
漆喰
plaster
65
25
改質アスファルト防水 t=4mm
refoaming asphalt waterproofing t=4mm
屋上テラス
roof top terrace
デッキ:
セランガンバツ t=24mm w=120mm
垂木 セランガンバツ □60×60mm
SUSアジャスター
改質アスファルト防水 t=4mm
モルタル金ゴテ t=30～80mm
スタイロフォーム t=25mm
ALC t=100mm
deck :
selanganbatu t=24mm w=120mm
rafter:selanganbatu □60×60mm
stainless steel adjuster
refoaming asphalt waterproofing t=4mm
troweled mortar t=30～80mm
rigid insulation foam t=25mm
autoclaved light-weight concrete t=100mm
改質アスファルト防水 t=4mm
ケイカル板 t=8mm
竪胴縁45×45mmボンド＋ビス
グラスウール t=50mm
ALC t=100mm
refoaming asphalt waterproofing t=4mm
insulating fiber board t=8mm
vertical furring strips 45×45mm bond+screw
glass wool t=50mm
autoclaved light-weight concrete t=100mm
スチール丸鋼 φ27mm
溶融亜鉛メッキ
round steel φ27mm
hot-dip galvanized finish
スチール ロッド φ16mm
@1650mm 溶融亜鉛メッキ
steel rod φ16mm@1650mm
hot-dip galvanized finish
900
82
70
260
130
185
70
82
▽RFL
260
130
110
桐板 t=9mm ワックス仕上げ
paulownia wood t=9mm wax finish
40
113
100
45
8
4
CH=2270
桐板 t=9mm ワックス仕上げ
ラワン合板 t=12mm
paulownia wood
t=9mm wax finish
lauan plywood t=12mm
18
40
桐板 t=9mm ワックス仕上げ
ラワン合板 t=12mm
paulownia wood
t=9mm wax finish
lauan plywood t=12mm
寝室
bedroom
SUS t=1.6mm曲げ
bent stainless steel t=1.6mm
ALC素地 サンドペーパーがけ
autoclaved light-weight concrete
sandpapered texture
ALC素地 サンドペーパー掛け
autoclaved light-weight concrete
sandpapered texture
桐フローリング t=15mm ワックス仕上げ
ラワン合板 t=15mm
ALC t=100mm
paulownia flooring t=15mm wax finish
lauan plywood t=15mm
autoclaved light-weight concrete t=100mm
スチールPL t=1.6mm OP
steel plate t=1.6mm oil paint
▽3.5FL
CH=3585
踊場4
landing floor 4
150
130
185
Ⓐ
改質アスファルト防水 t=4mm
ケイカル板 t=6mm
ラーチ合板 t=9mm
竪胴縁45x45mm
@275mmボンド＋ビス
グラスウール t=50mm
ALC t=100mm
reforming asphalt waterproofing t=4mm
insulating fiber board t=6mm
larch plywood t=9mm
vertical furring strips 45×45mm
@275mm bond+screw
glass wool t=50mm
autoclaved light-weight concrete t=100mm
アルミサッシュ,ペアガラス
親水性ガラス t=5mm A12mm+PW6.8
aluminium sash double glazing
hydrophylic glass5+A12+PW6.8
1500
桐板 t=9mm ワックス仕上げ
paulownia wood t=9mm wax finish
木製サッシュ
FIX ペアガラス PW6.8+A12+FL5
wooden sash
fixed double glazing PW6.8+A12+FL5
桐フローリング t=15mm ワックス仕上げ
ラワン合板 t=15mm
ALC t=100mm
paulownia flooring t=15mm wax finish
lauan plywood t=15mm
autoclaved light-weight concrete t=100mm
▽3FL
130
□-200mm 錆止塗装
□-200mm anti-corrosive paint
リビング・ダイニング
living・dining room
CH=2685
天井露しALC
exposed autoclaved light-weight concrete
1500
アルミサッシュ,ペアガラス
親水性ガラス5+A12+耐熱強化ガラス5
aluminium sash double glazing
防塵クリア塗装
モルタル金ゴテ
ALC t=100mm
dustproof clear paint
trowel mortar
150
Ⓐ

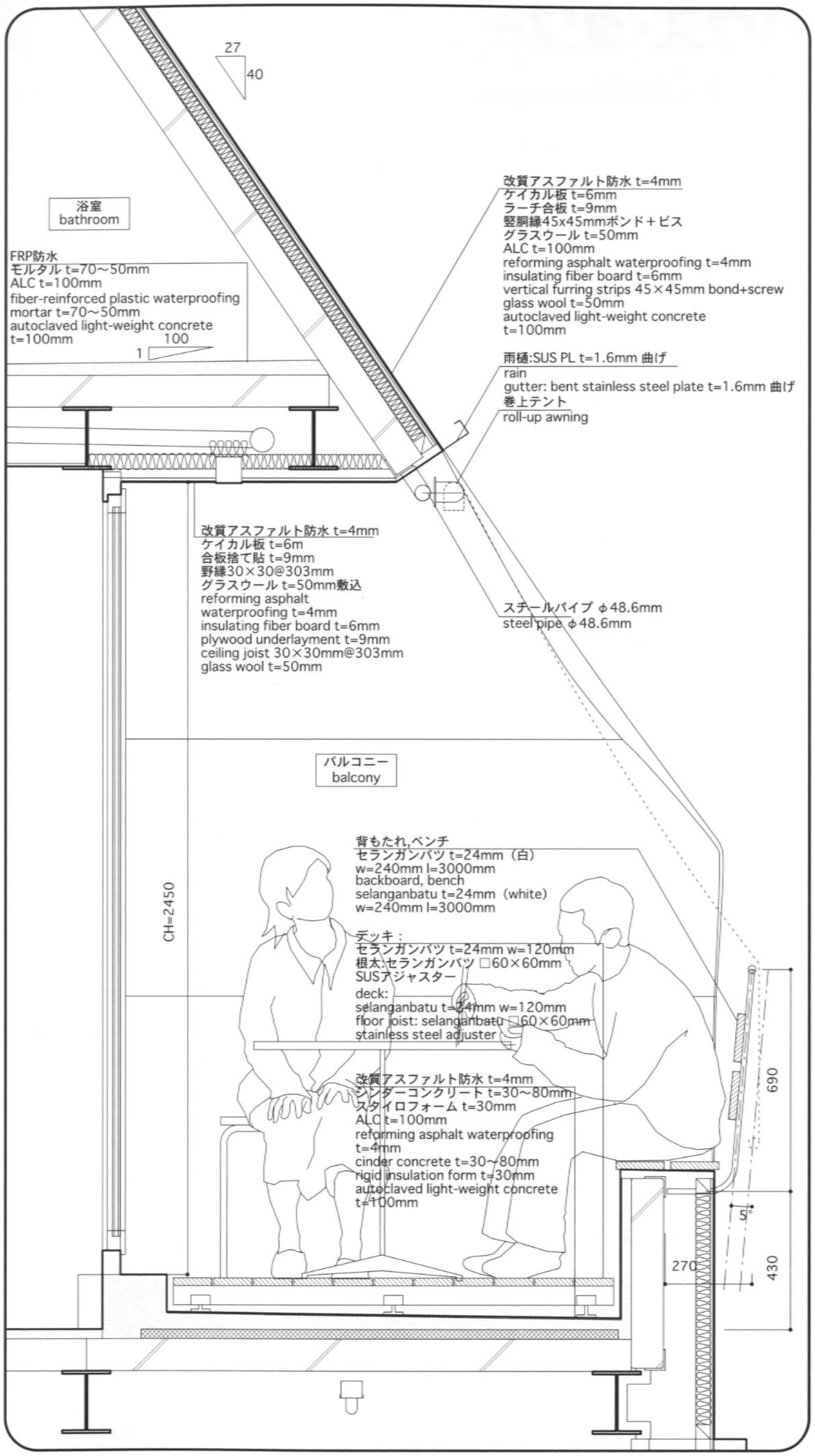


断面詳細パース / vertical section perspective S:1/30


27
40
雨樋:SUS PL t=1.6mm 曲げ
rain gutter:
bending stainless steel plate t=0.8mm
モルタル金ゴテ
trowel mortar
100
スチールプレート t=1.6mm曲げ
bent steel plate t=1.6mm
250
スチールパイプ φ25mm SOP
steel pipe φ25mm
ready-mixed synthetic resin paint
スチールパイプ φ16mm SOP
steel pipe φ16mm
ready-mixed synthetic resin paint
アルミサッシュ
ペアガラス(親水性ガラス5+A12+PW6.8)
aluminium sash double glazing
(hydrophilic glass5+A12+PW6.8)
200
スチールFB t=9mm SOP
steel flat bar t=9mm
ready-mixed synthetic resin paint
改質アスファルト防水 t=4mm
ケイカル板 t=6mm
ラーチ合板 t=9mm
竪胴縁45x45mm@275mm
ボンド+ビス
グラスウール t=50mm
ALC t=100mm
reforming asphalt waterproofing t=4mm
insulating fiber boad t=6mm
larch plywood t=9mm
vertical furring strips 45×45mm @275mm bond+screw
glass wool t=50mm
autoclaved light-weight concrete t=100mm
踊場5
landing 5
スチールFB t=9mm ケイ砂塗装
steel flat bar t=9mm
silica sand paint
200
521.5
200
150
ALC素地 サンドペーパーがけ
autoclaved light-weight concrete
sandpapered texture
桐フローリング t=15mm ワックス仕上げ
ラワン合板 t=15mm
ALC t=100mm
paulownia flooring t=15mm wax finish
lauan plywood t=15mm
autoclaved light-weight concrete t=100mm
723.5
45
180
桐フローリング t=15mm ワックス仕上げ
ラワン合板 t=15mm
PL t=3.2mm 曲げ加工
paulownia flooring t=15mm wax finish
lauan plywood t=15mm
bent steel plate t=3.2mm
945
705
蹴鼻:白ラワン 15×36mm
nosing: white lauan 15×36mm
275
40
60
40
214.3
750
36
15
桐板 t=9mm ワックス仕上げ
paulownia wood t=9mm wax finish
ALC素地 サンドペーパーがけ
autoclaved light-weight concrete
sandpapered texture
桐板 t=9mm ワックス仕上げ
paulownia wood t=9mm wax finish
L-100×50×5×7.5mm
steel angle-100×50×5×7.5mm
キッチン・ダイニング
kitchen·dining room
レンジフード:SUS t=2mm ヘアライン曲げ加工
rangehood: bent stainless steel hairline finish t=2mm
スチールパイプ φ25mm SOP
steel pipe φ25mm
ready-mixed synthetic resin paint
スチールプレート t=1.6mm 曲げ加工
bending steel plate t=1.6mm

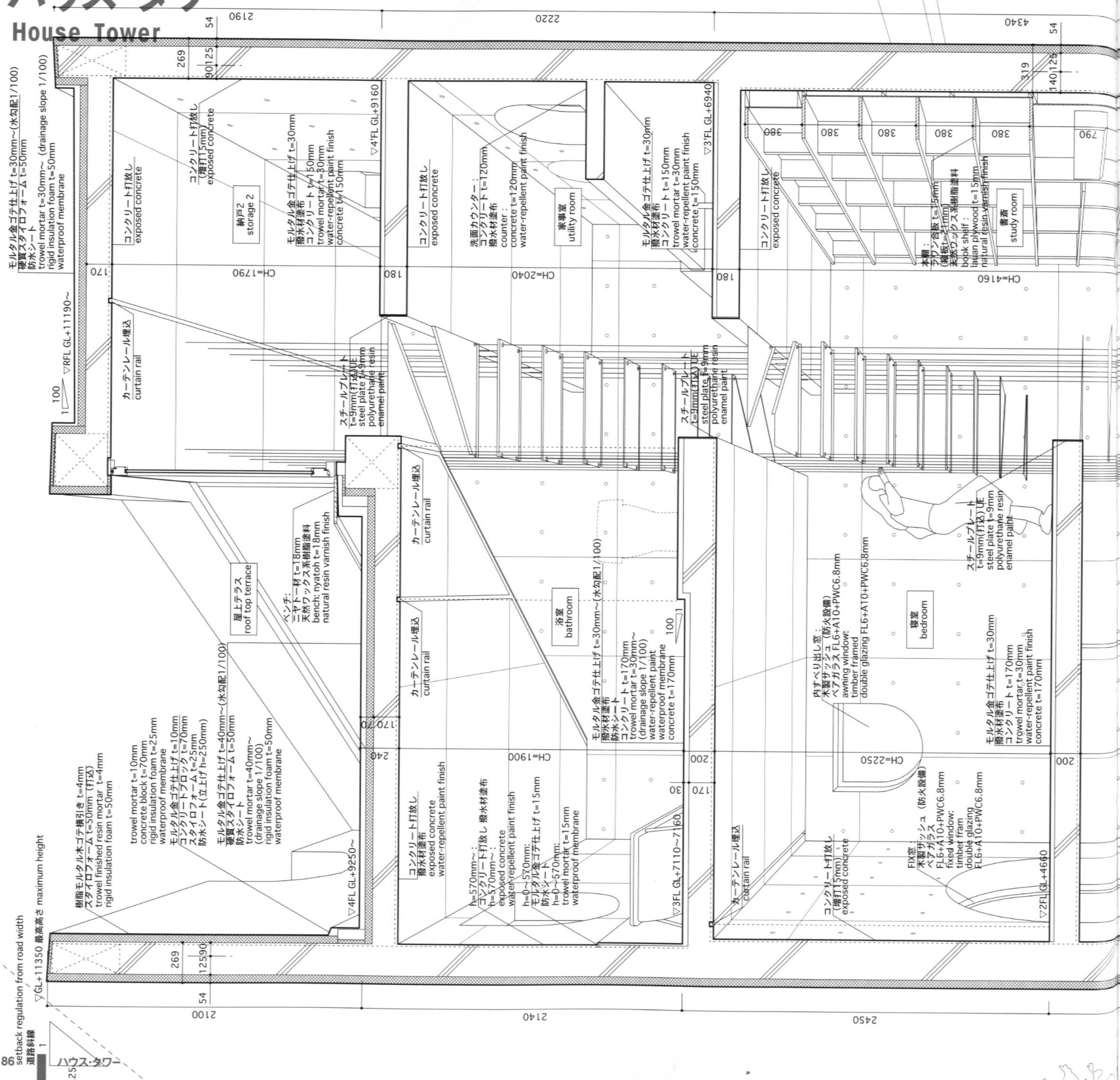
階段廻り断面詳細図 / around stairs section detail S:1/20

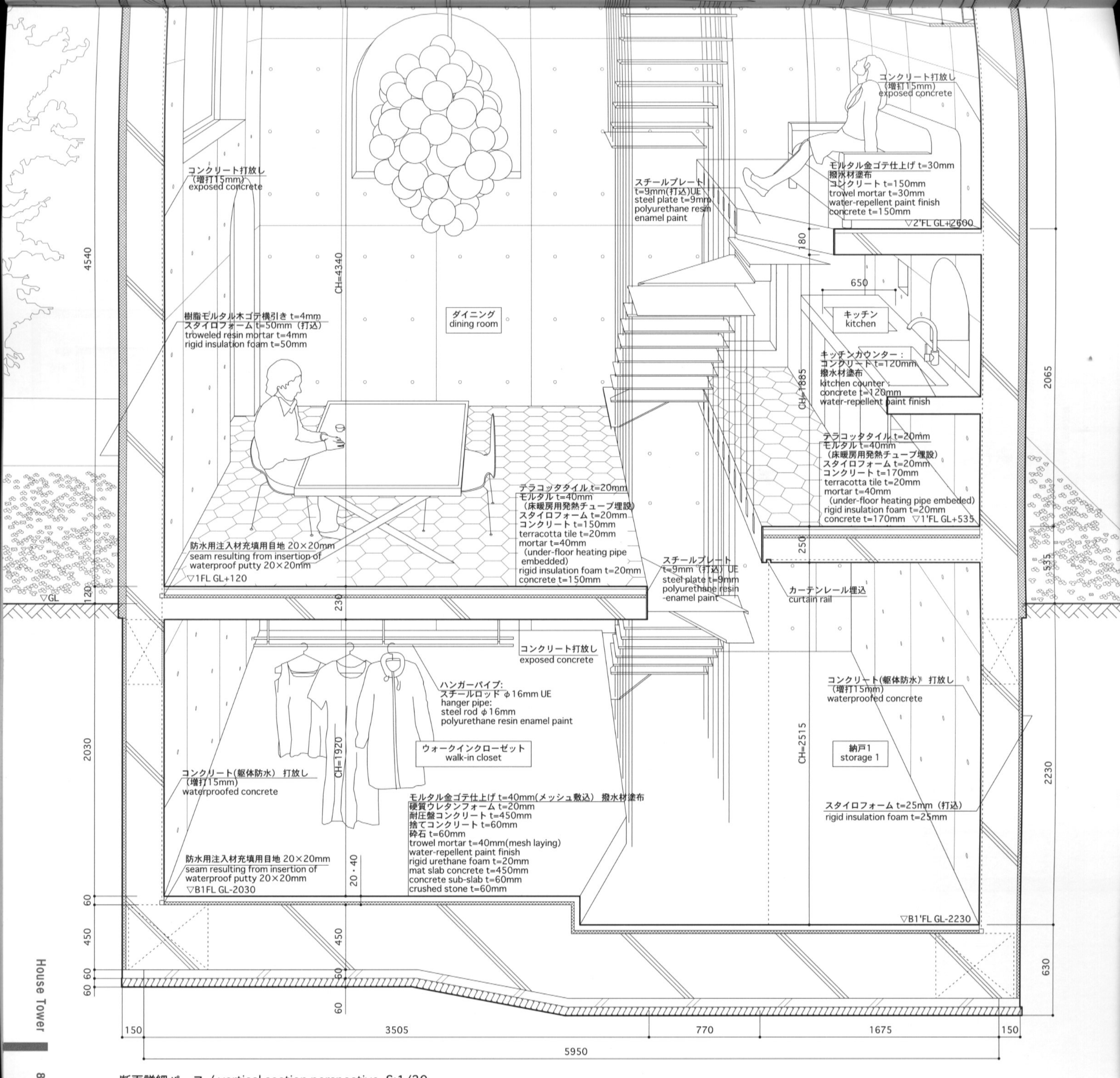

100
1
デッキ：セランガンバツ t=24mm
垂木 セランガンバツ □60×60mm
SUSアジャスター
deck :
selanganbatu t=24mm w=120mm
rafter: selanganbatu □60×60mm
stainless steel adjuster
改質アスファルト防水 t=4mm
シンダーコンクリート t=30～80mm
スタイロフォーム t=30mm
ALC t=100mm
refoaming asphalt waterproofing t=4mm
cinder concrete t=30～80mm
rigid insulation form t=30mm
autoclaved lightweight concrete t=100mm
桐板 t=9mm ワックス仕上げ
paulownia wood
t=9mm wax finish
600
シャンデリア
chandelier
459.5
踊場 4
landing 4
180
760.3
桐フローリング t=15mm ワックス仕上げ
ラワン合板 t=15mm
ALC t=100mm
paulownia flooring t=15mm wax finish
lauan plywood t=15mm
autoclaved light-weight concrete t=100mm
40
60
40


27
40
浴室
bathroom
FRP防水
モルタル t=70～50mm
ALC t=100mm
fiber-reinforced plastic waterproofing
mortar t=70～50mm
autoclaved light-weight concrete
t=100mm
1
100
改質アスファルト防水 t=4mm
ケイカル板 t=6mm
ラーチ合板 t=9mm
竪胴縁45x45mmボンド＋ビス
グラスウール t=50mm
ALC t=100mm
reforming asphalt waterproofing t=4mm
insulating fiber board t=6mm
vertical furring strips 45×45mm bond+screw
glass wool t=50mm
autoclaved light-weight concrete
t=100mm
雨樋:SUS PL t=1.6mm 曲げ
rain
gutter: bent stainless steel plate t=1.6mm 曲げ
巻上テント
roll-up awning
改質アスファルト防水 t=4mm
ケイカル板 t=6m
合板捨て貼 t=9mm
野縁30×30@303mm
グラスウール t=50mm敷込
reforming asphalt
waterproofing t=4mm
insulating fiber board t=6mm
plywood underlayment t=9mm
ceiling joist 30×30mm@303mm
glass wool t=50mm
スチールパイプ φ48.6mm
steel pipe φ48.6mm
バルコニー
balcony
CH=2450
背もたれ,ベンチ
セランガンバツ t=24mm（白）
w=240mm l=3000mm
backboard, bench
selanganbatu t=24mm（white）
w=240mm l=3000mm
デッキ：
セランガンバツ t=24mm w=120mm
根太:セランガンバツ □60×60mm
SUSアジャスター
deck:
selanganbatu t=24mm w=120mm
floor joist: selanganbatu □60×60mm
stainless steel adjuster
改質アスファルト防水 t=4mm
シンダーコンクリート t=30～80mm
スタイロフォーム t=30mm
ALC t=100mm
reforming asphalt waterproofing
t=4mm
cinder concrete t=30～80mm
rigid insulation form t=30mm
autoclaved light-weight concrete
t=100mm
690
5°
270
430

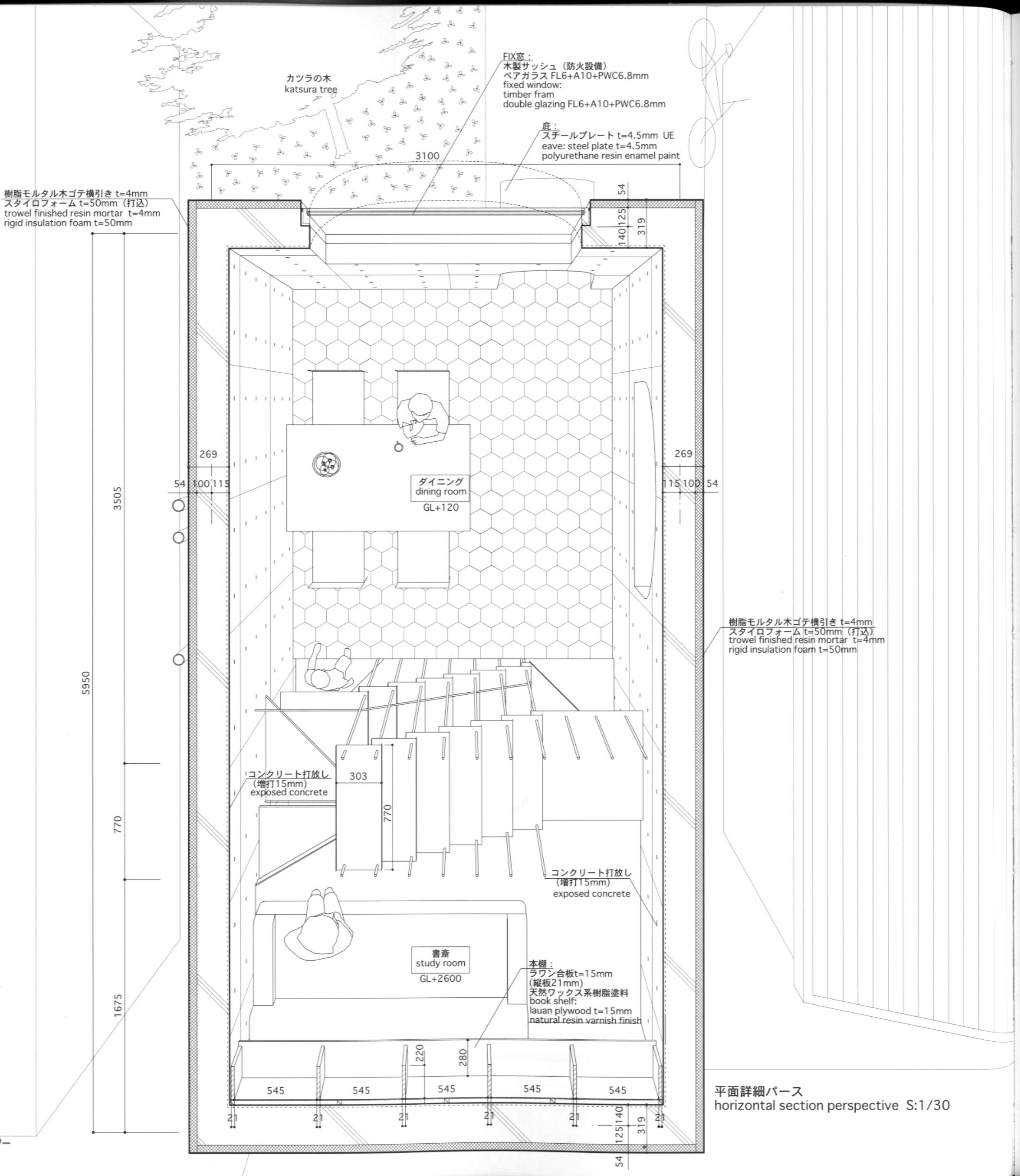
バルコニー断面詳細図 / balcony section detail S:1/20

ハウス・タワー
House Tower

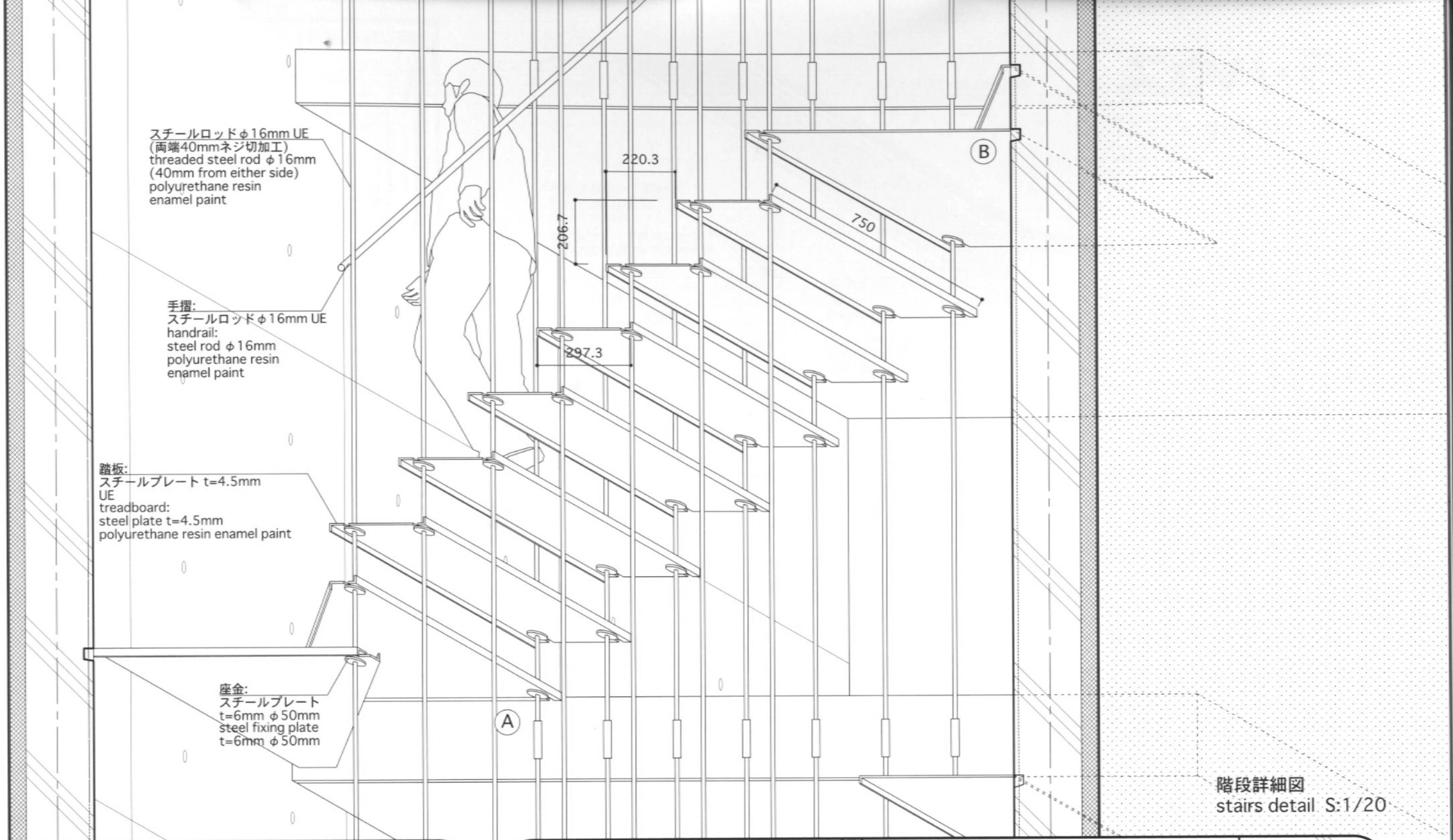




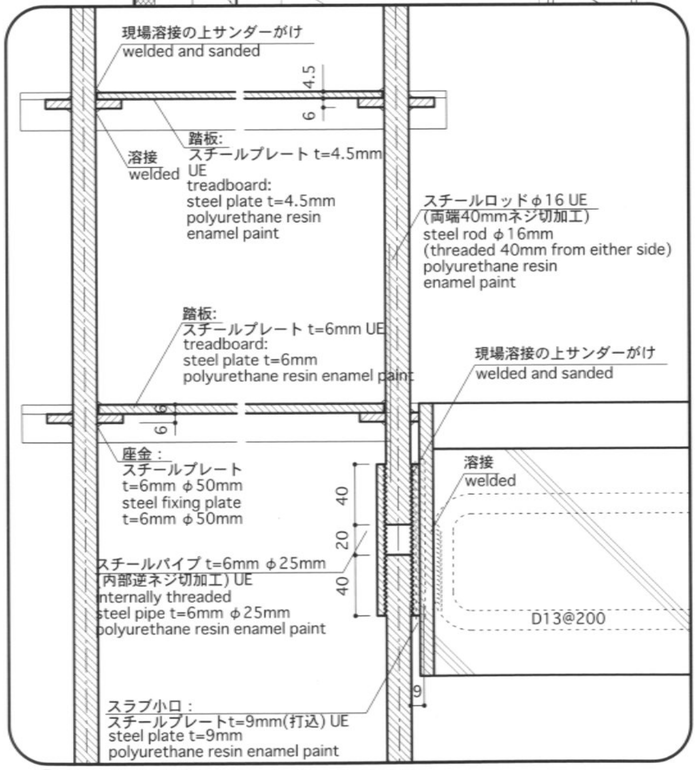
断面詳細パース / vertical section perspective S:1/30


カツラの木
katsura tree
FIX窓：
木製サッシュ（防火設備）
ペアガラス FL6+A10+PWC6.8mm
fixed window:
timber fram
double glazing FL6+A10+PWC6.8mm
庇：
スチールプレート t=4.5mm UE
eave: steel plate t=4.5mm
polyurethane resin enamel paint
3100
樹脂モルタル木ゴテ横引き t=4mm
スタイロフォーム t=50mm（打込）
trowel finished resin mortar t=4mm
rigid insulation foam t=50mm
54
125
140
319
269
54 100 115
ダイニング
dining room
GL+120
269
115 100 54
3505
5950
樹脂モルタル木ゴテ横引き t=4mm
スタイロフォーム t=50mm（打込）
trowel finished resin mortar t=4mm
rigid insulation foam t=50mm
コンクリート打放し
（増打15mm）
exposed concrete
303
770
770
コンクリート打放し
（増打15mm）
exposed concrete
書斎
study room
GL+2600
本棚：
ラワン合板t=15mm
(縦板21mm)
天然ワックス系樹脂塗料
book shelf:
lauan plywood t=15mm
natural resin varnish finish
1675
220
280
545
545
545
545
545
21
21
21
21
21
21
140
125
319
54

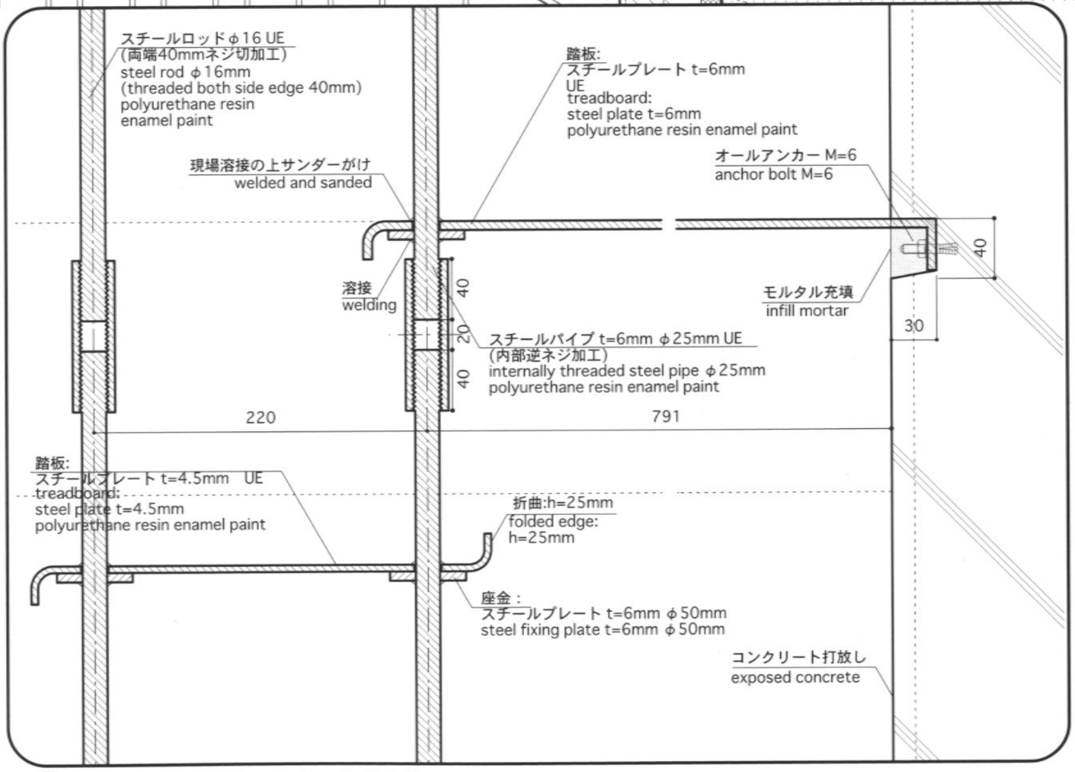
平面詳細パース
horizontal section perspective S:1/30



階段詳細図
stairs detail S:1/20



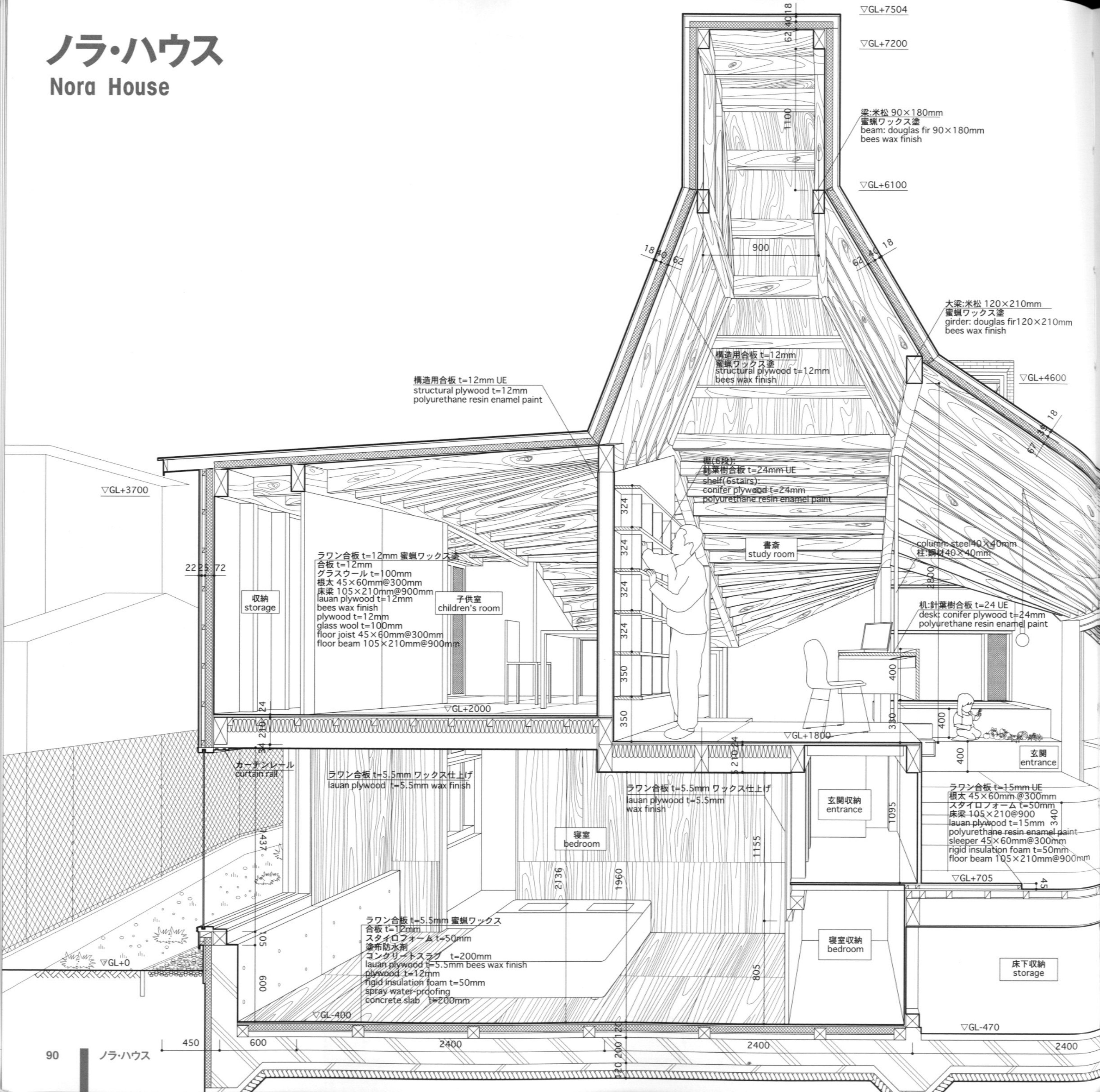
Ⓐ 階段部分詳細図 / stair detail S:1/5

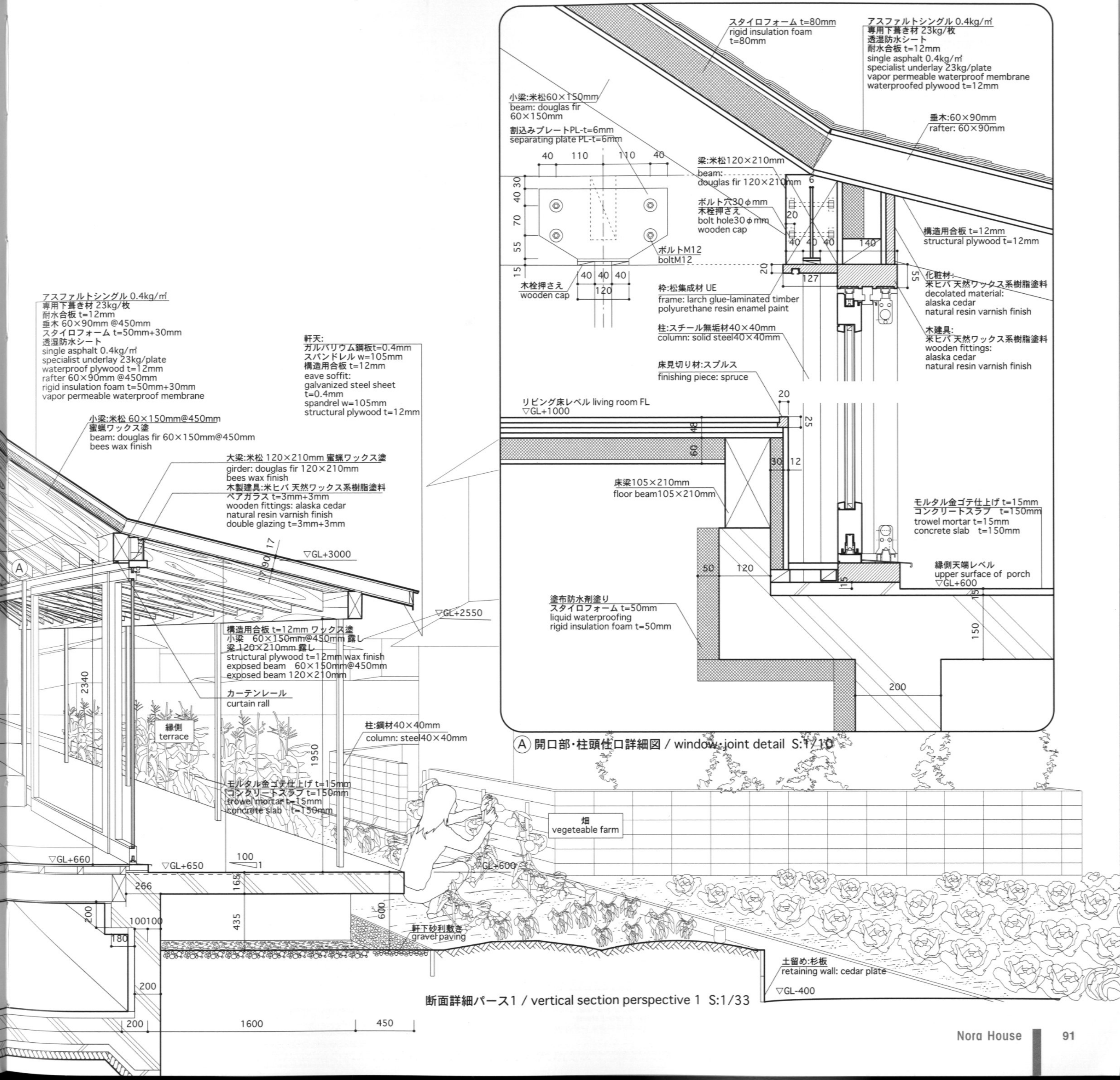


Ⓑ 階段部分詳細図 / stair detail S:1/5

ノラ・ハウス

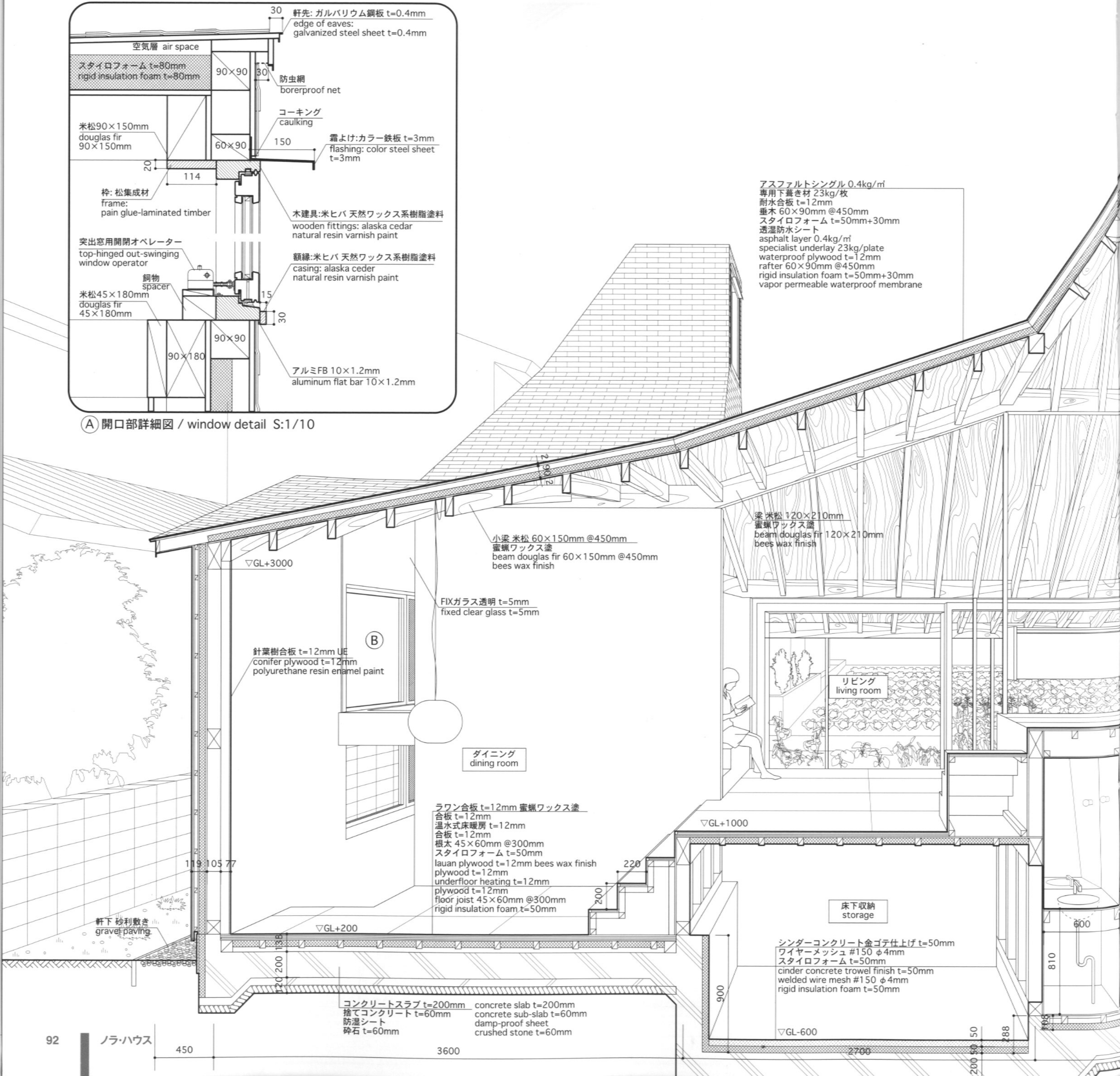
Nora House



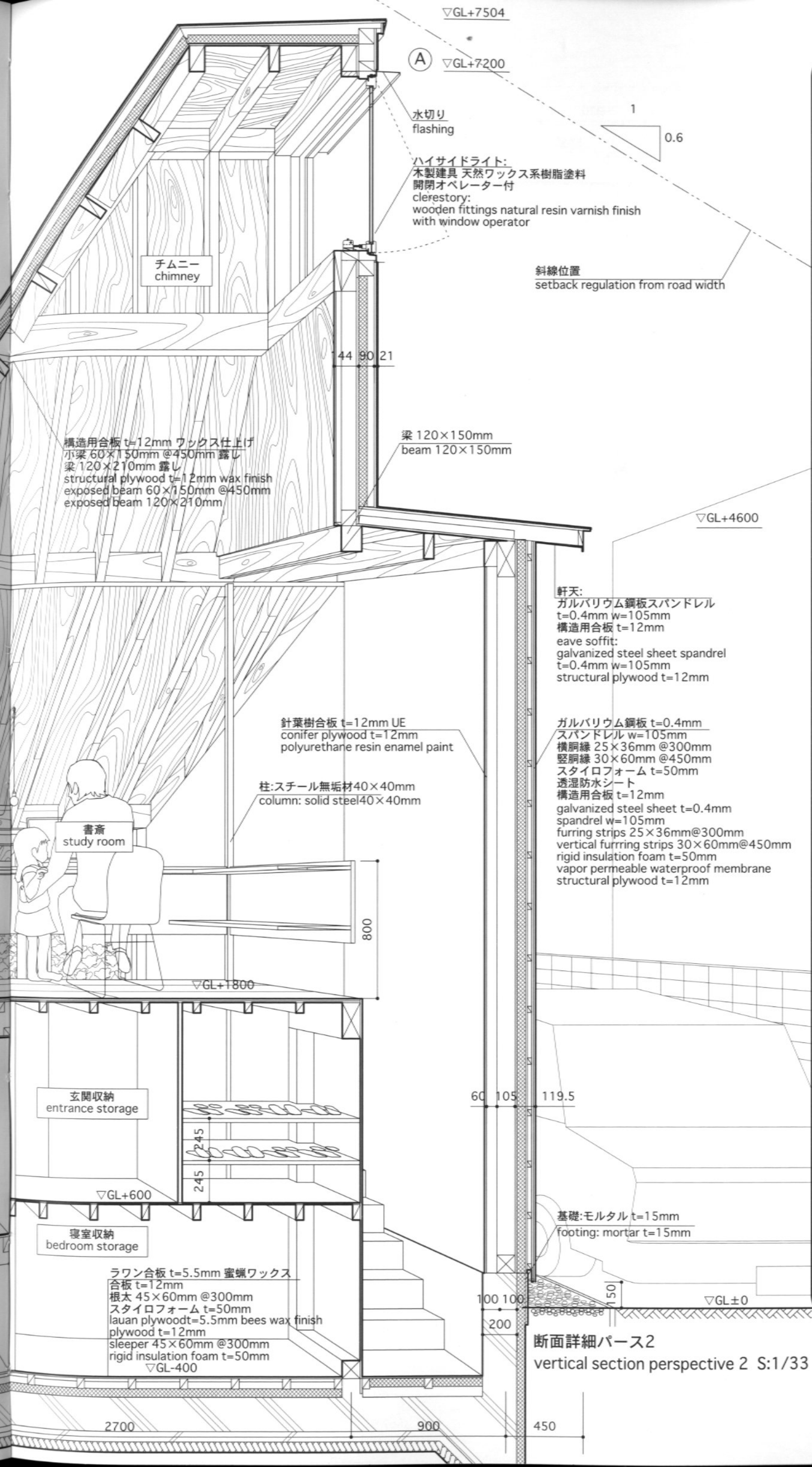


Ⓐ 開口部・柱頭仕口詳細図 / window: joint detail S:1/10

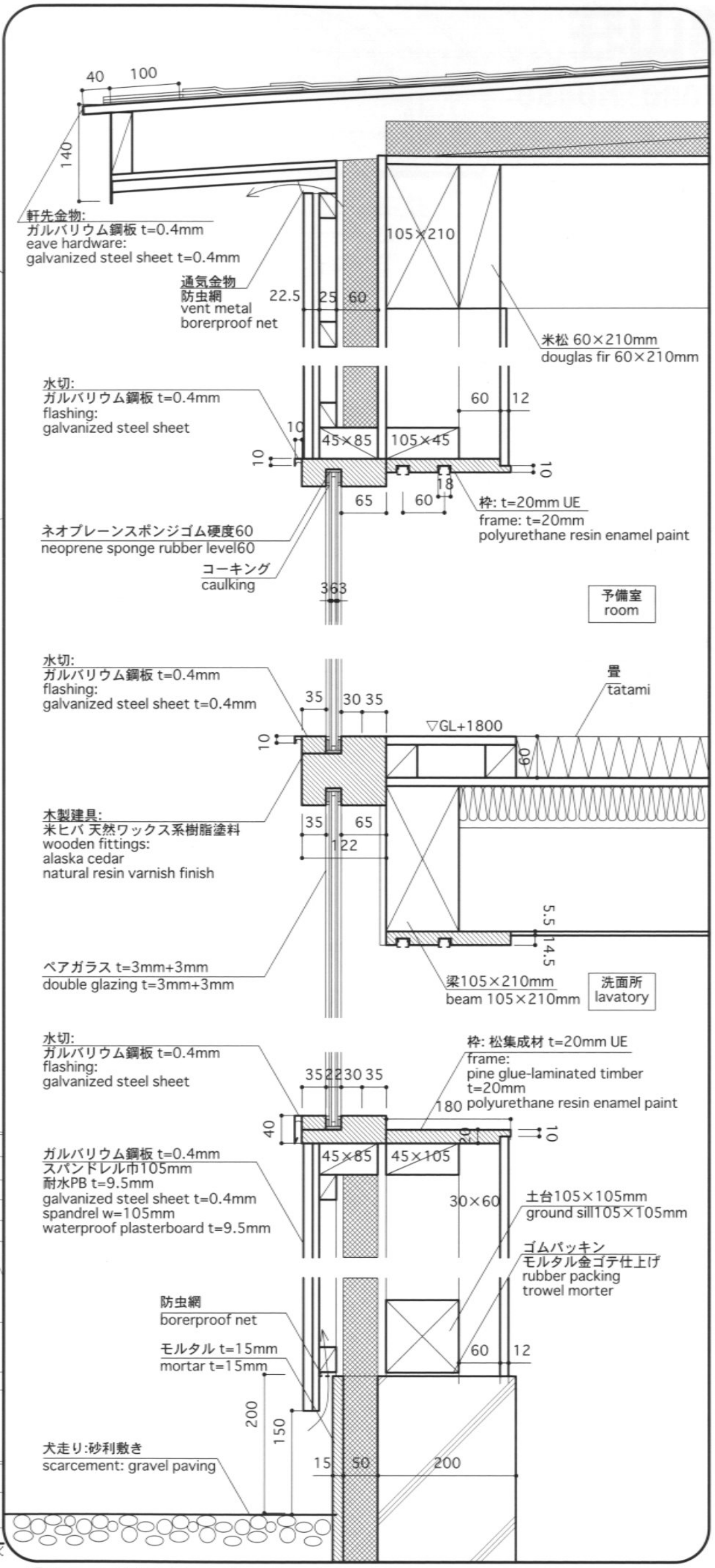
断面詳細パース1 / vertical section perspective 1 S:1/33



Ⓐ 開口部詳細図 / window detail S:1/10

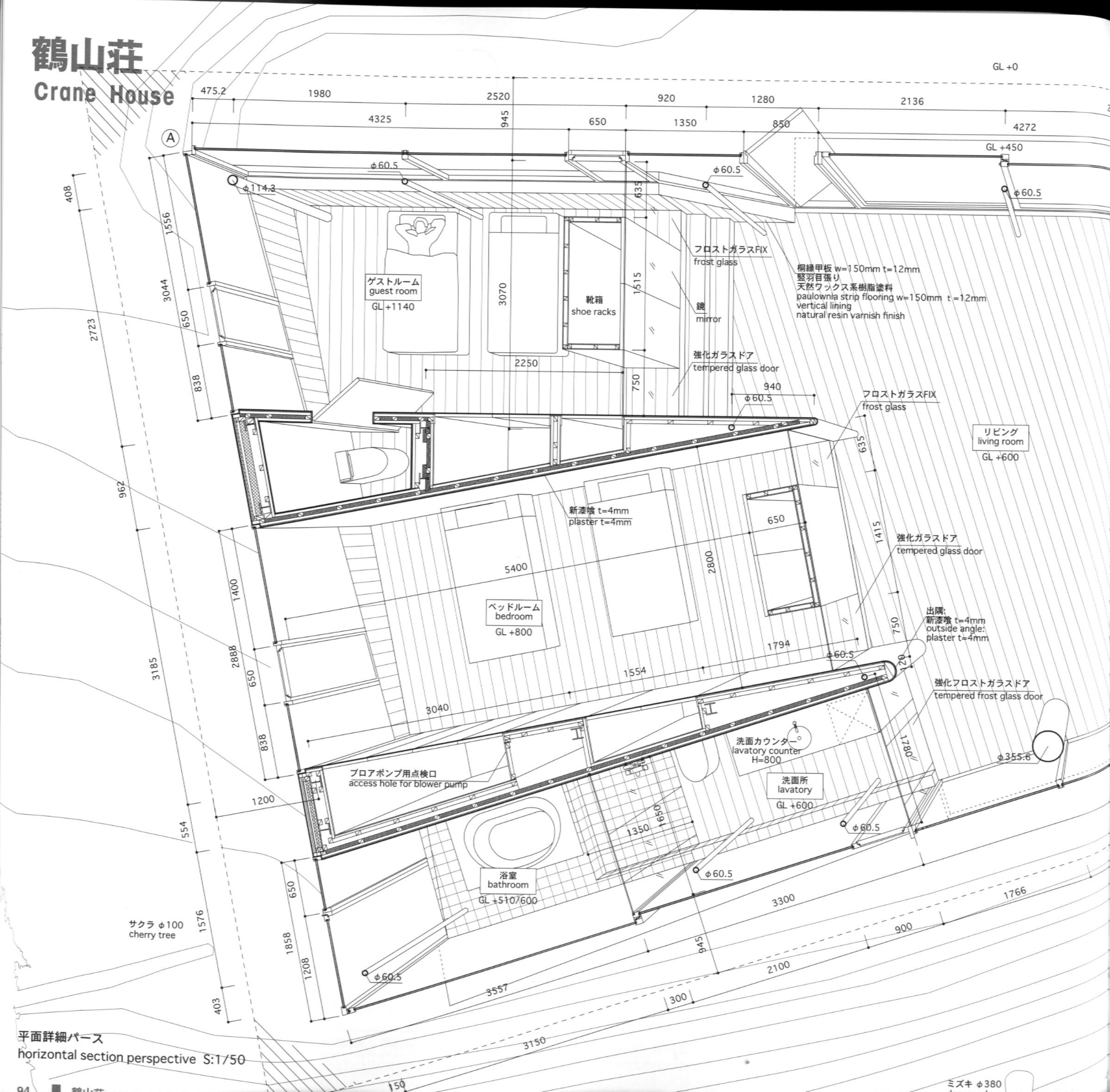


断面詳細パース2
vertical section perspective 2 S:1/33

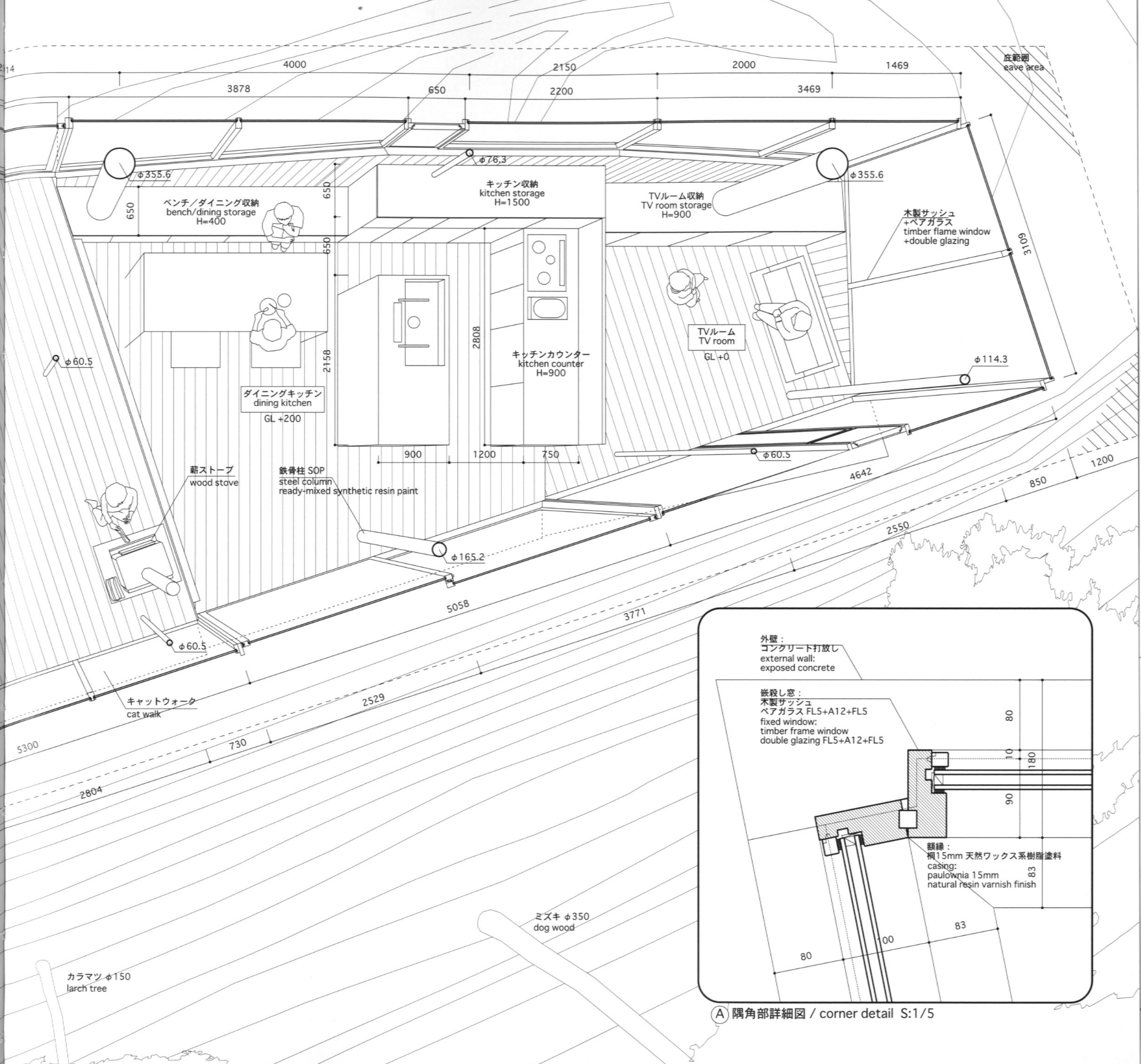


Ⓑ 開口部詳細図 / window detail S:1/10

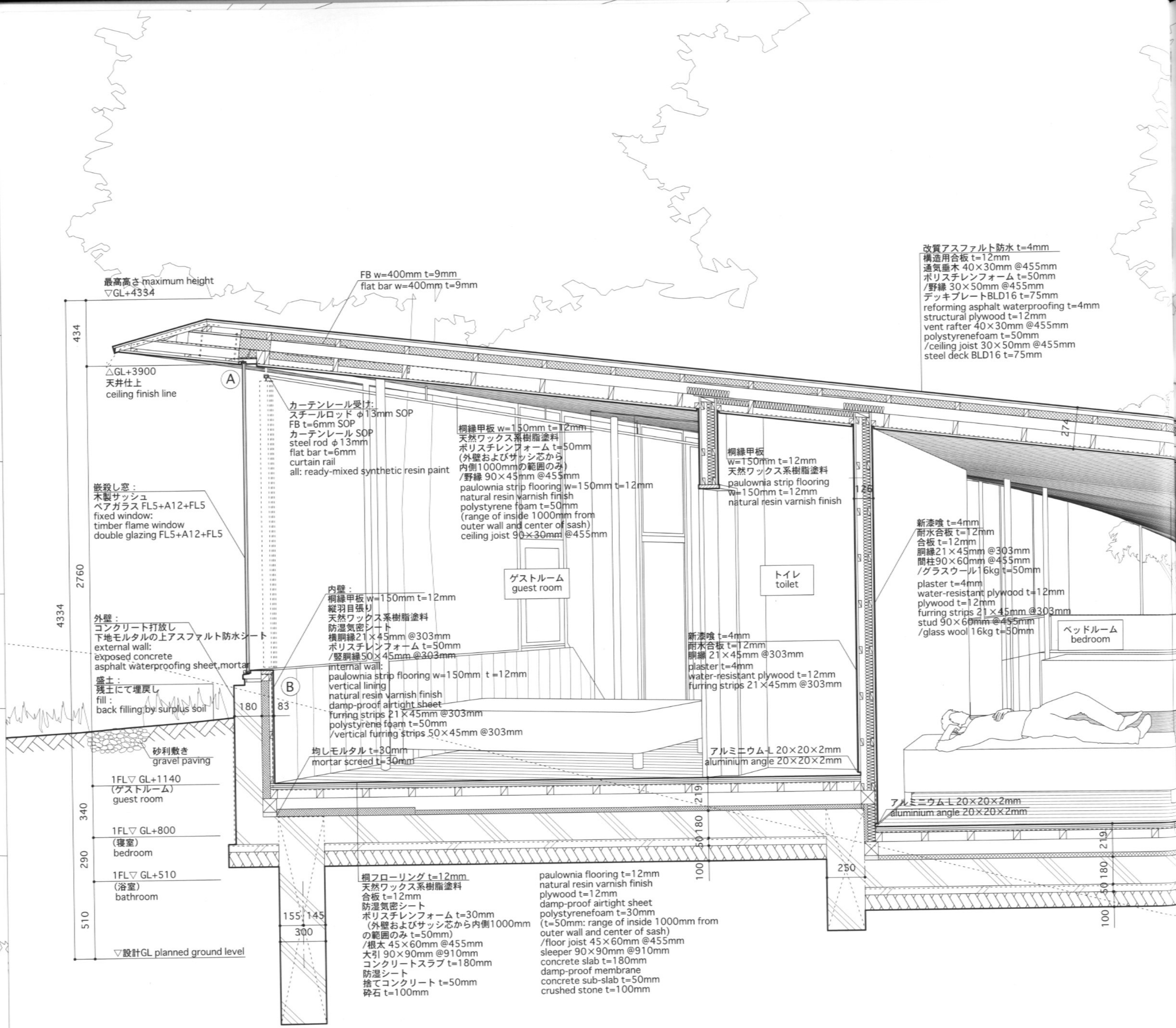
鶴山荘
Crane House



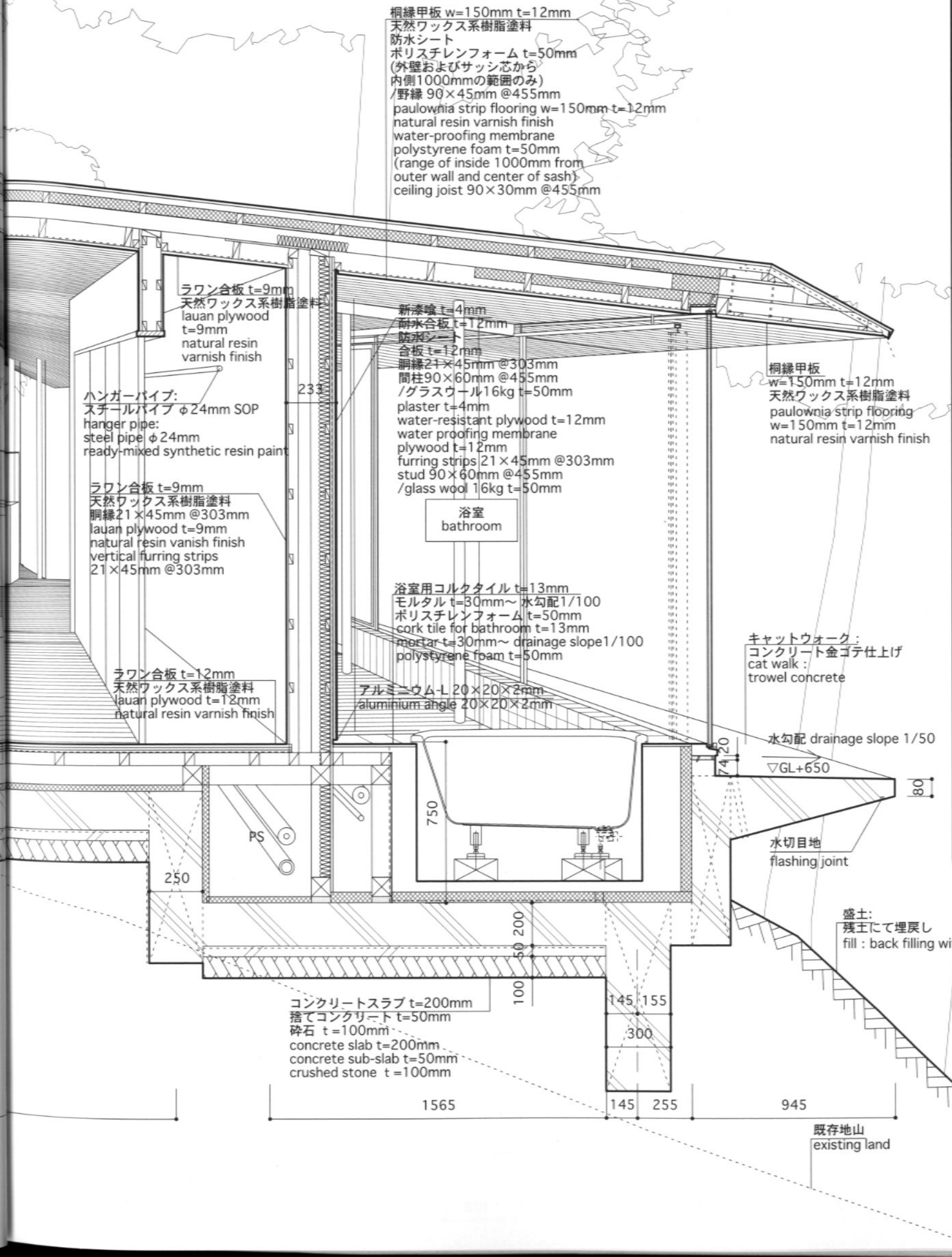
平面詳細パース
horizontal section perspective S:1/50

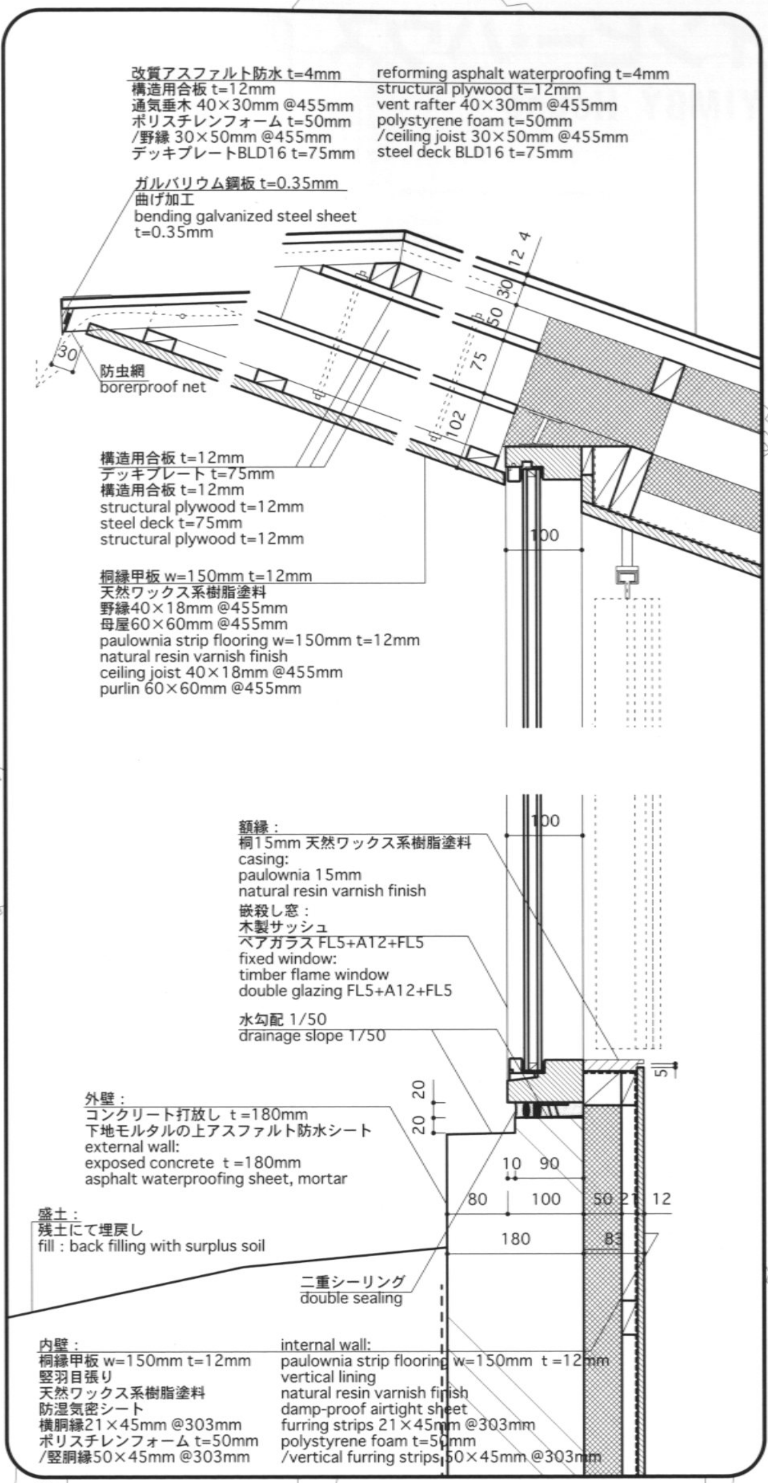


Ⓐ 隅角部詳細図 / corner detail S:1/5



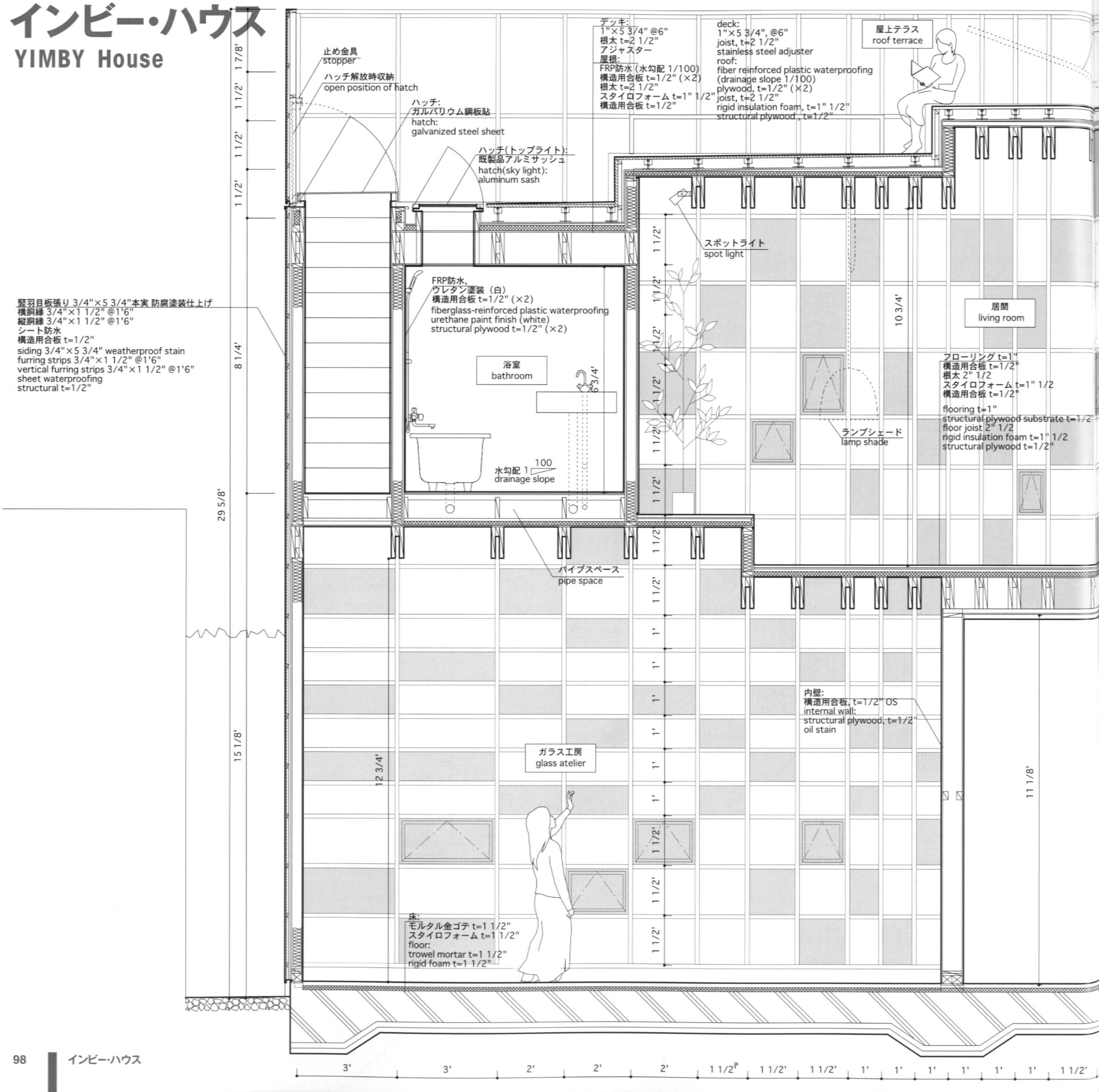
断面詳細パース / vertical section perspective S:1/30

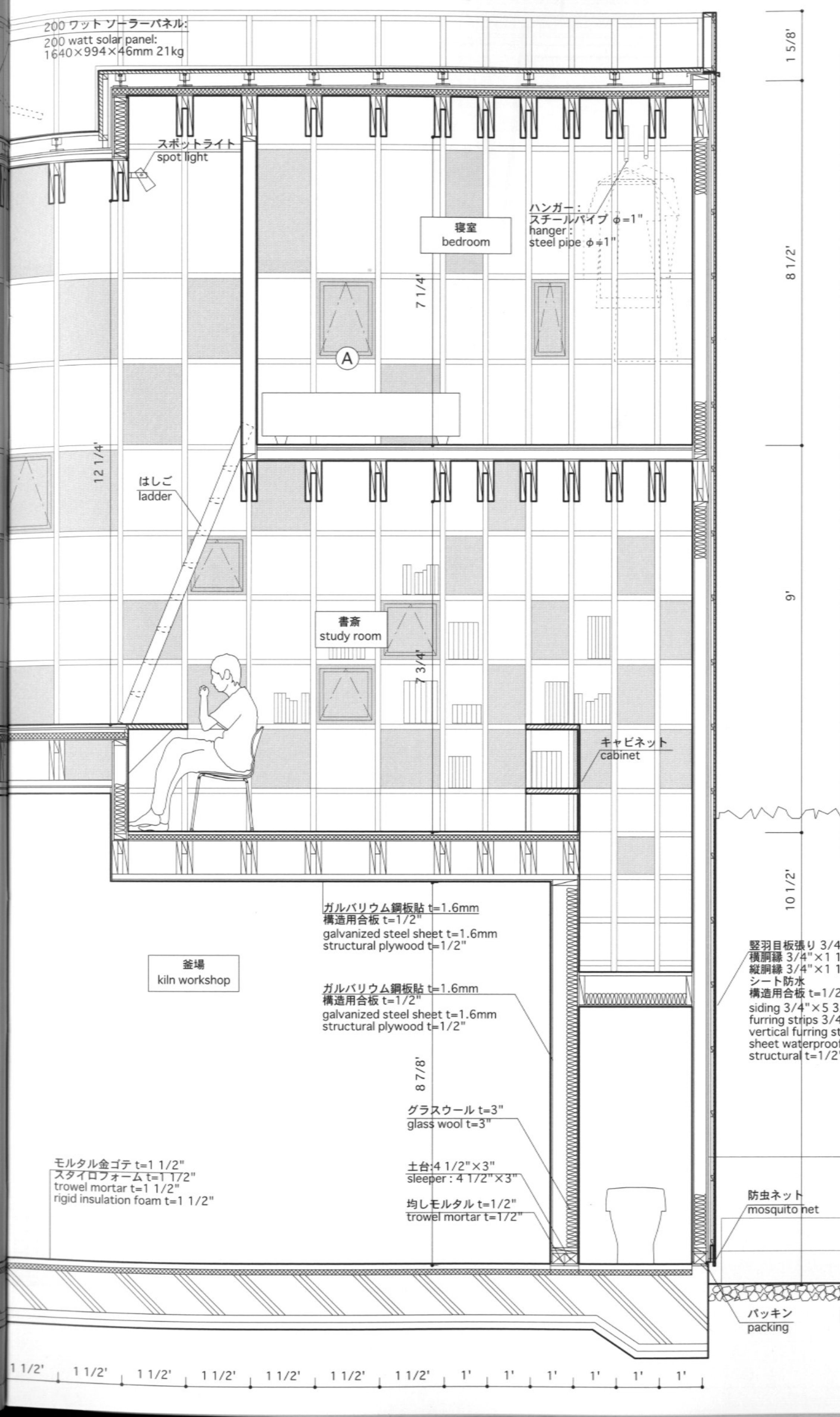



改質アスファルト防水 t=4mm
構造用合板 t=12mm
通気垂木 40×30mm @455mm
ポリスチレンフォーム t=50mm
/野縁 30×50mm @455mm
デッキプレートBLD16 t=75mm
reforming asphalt waterproofing t=4mm
structural plywood t=12mm
vent rafter 40×30mm @455mm
polystyrene foam t=50mm
/ceiling joist 30×50mm @455mm
steel deck BLD16 t=75mm
ガルバリウム鋼板 t=0.35mm
曲げ加工
bending galvanized steel sheet
t=0.35mm
12
4
30
50
75
102
30
防虫網
borerproof net
構造用合板 t=12mm
デッキプレート t=75mm
構造用合板 t=12mm
structural plywood t=12mm
steel deck t=75mm
structural plywood t=12mm
100
桐縁甲板 w=150mm t=12mm
天然ワックス系樹脂塗料
野縁40×18mm @455mm
母屋60×60mm @455mm
paulownia strip flooring w=150mm t=12mm
natural resin varnish finish
ceiling joist 40×18mm @455mm
purlin 60×60mm @455mm
100
額縁:
桐15mm 天然ワックス系樹脂塗料
casing:
paulownia 15mm
natural resin varnish finish
嵌殺し窓:
木製サッシュ
ペアガラス FL5+A12+FL5
fixed window:
timber flame window
double glazing FL5+A12+FL5
水勾配 1/50
drainage slope 1/50
5
20
20
外壁:
コンクリート打放し t=180mm
下地モルタルの上アスファルト防水シート
external wall:
exposed concrete t=180mm
asphalt waterproofing sheet, mortar
10
90
80
100
50
21
12
180
83
盛土:
残土にて埋戻し
fill : back filling with surplus soil
二重シーリング
double sealing
内壁:
桐縁甲板 w=150mm t=12mm
竪羽目張り
天然ワックス系樹脂塗料
防湿気密シート
横胴縁21×45mm @303mm
ポリスチレンフォーム t=50mm
/竪胴縁50×45mm @303mm
internal wall:
paulownia strip flooring w=150mm t=12mm
vertical lining
natural resin varnish finish
damp-proof airtight sheet
furring strips 21×45mm @303mm
polystyrene foam t=50mm
/vertical furring strips 50×45mm @303mm

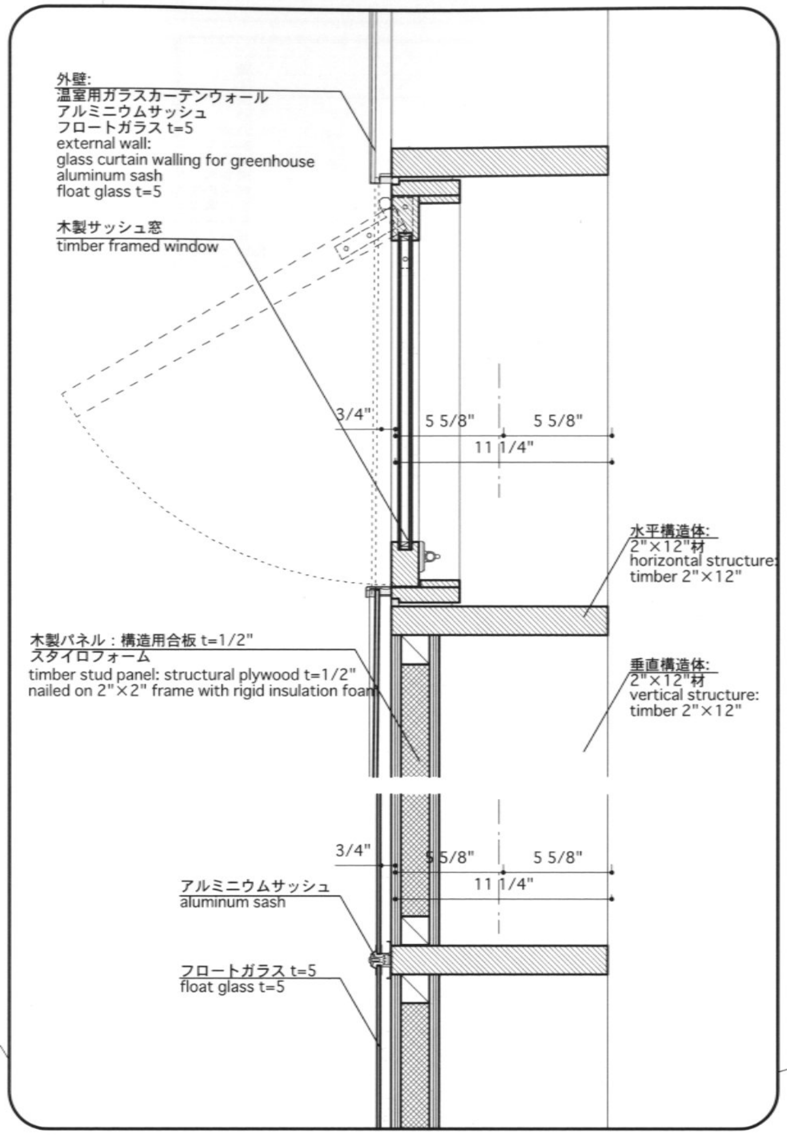
Ⓐ 軒下詳細図 / under eaves detail S:1/10

インビー・ハウス
YIMBY House

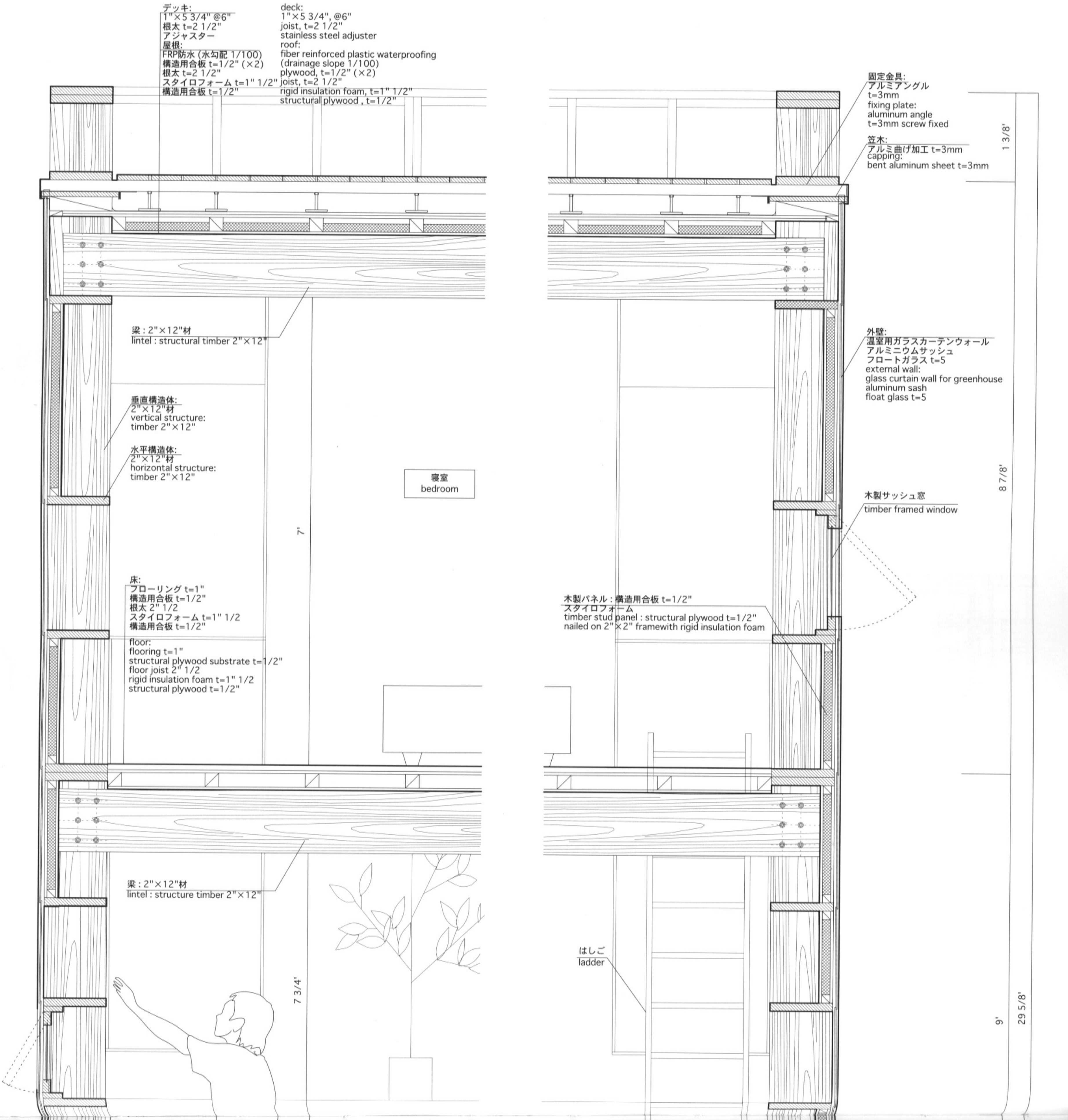


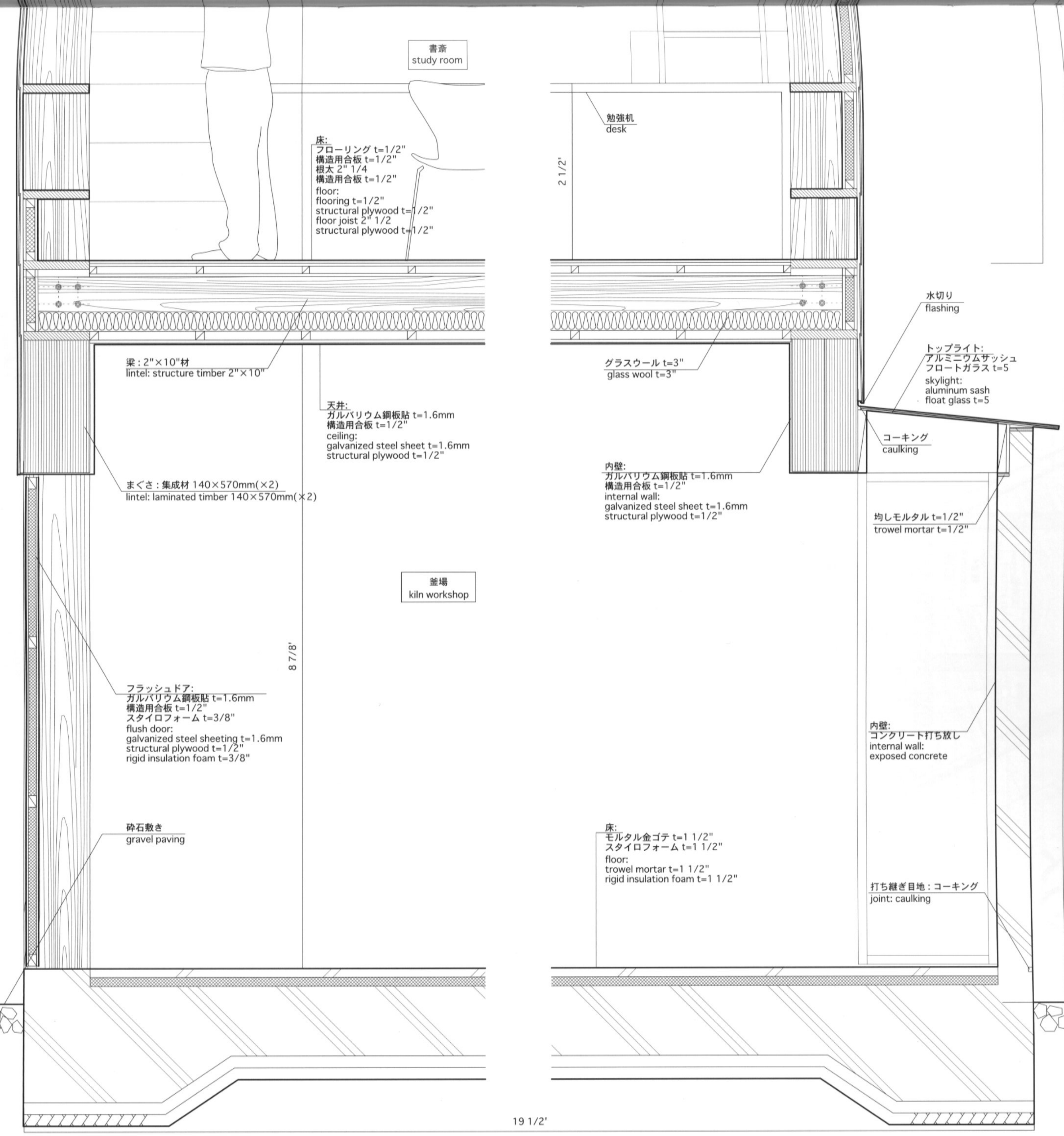


断面詳細図 / vertical section S:1/40



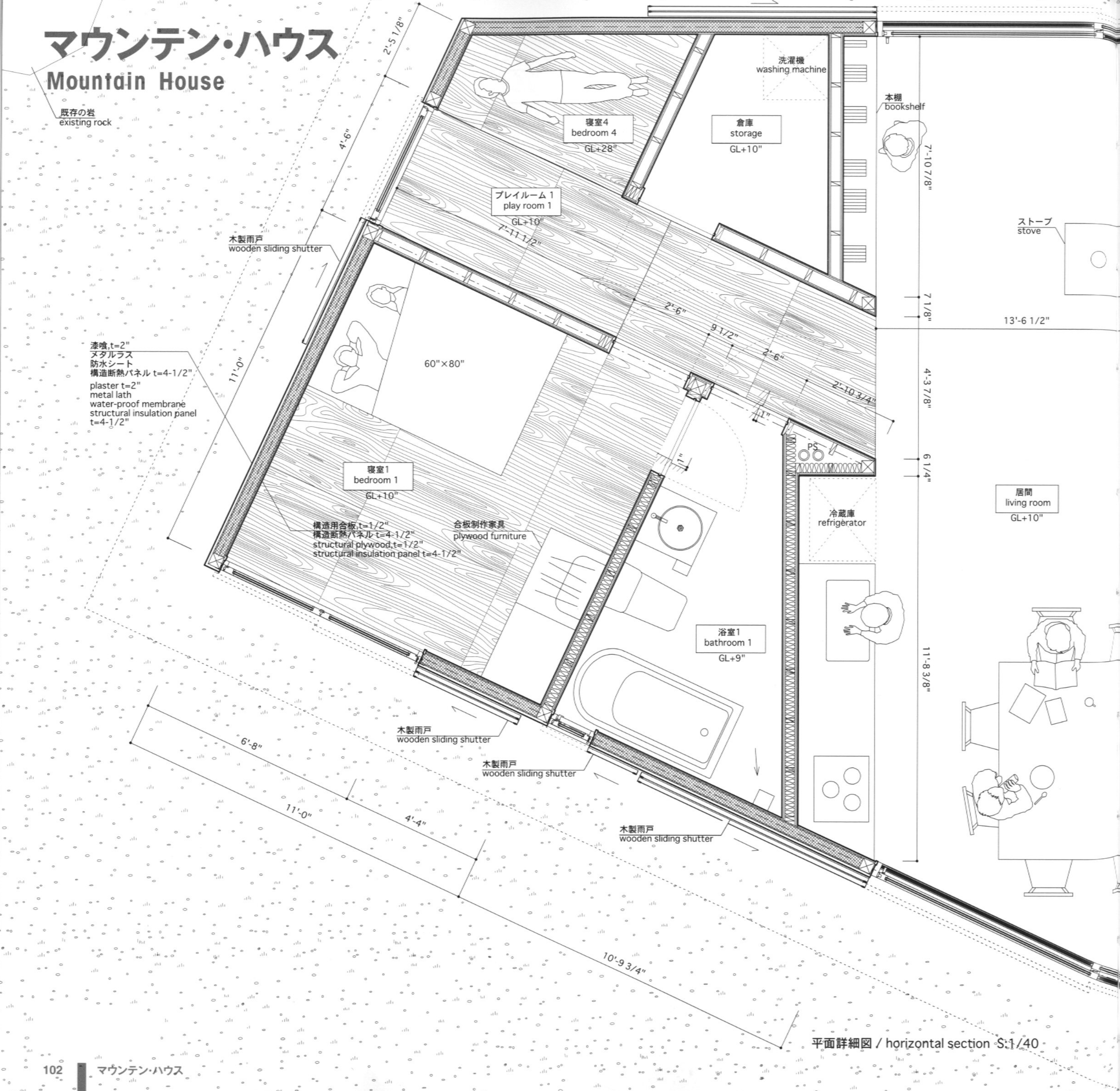
Ⓐ 開口部詳細図 / window detail S:1/10


デッキ:
1"×5 3/4" @6"
根太 t=2 1/2"
アジャスター
屋根:
FRP防水 (水勾配 1/100)
構造用合板 t=1/2" (×2)
根太 t=2 1/2"
スタイロフォーム t=1" 1/2"
構造用合板 t=1/2"
deck:
1"×5 3/4", @6"
joist, t=2 1/2"
stainless steel adjuster
roof:
fiber reinforced plastic waterproofing
(drainage slope 1/100)
plywood, t=1/2" (×2)
joist, t=2 1/2"
rigid insulation foam, t=1" 1/2"
structural plywood , t=1/2"
固定金具:
アルミアングル
t=3mm
fixing plate:
aluminum angle
t=3mm screw fixed
笠木:
アルミ曲げ加工 t=3mm
capping:
bent aluminum sheet t=3mm
1 3/8'
梁 : 2"×12"材
lintel : structural timber 2"×12"
外壁:
温室用ガラスカーテンウォール
アルミニウムサッシュ
フロートガラス t=5
external wall:
glass curtain wall for greenhouse
aluminum sash
float glass t=5
垂直構造体:
2"×12"材
vertical structure:
timber 2"×12"
水平構造体:
2"×12"材
horizontal structure:
timber 2"×12"
寝室
bedroom
8 7/8'
木製サッシュ窓
timber framed window
7'
床:
フローリング t=1"
構造用合板 t=1/2"
根太 2" 1/2
スタイロフォーム t=1" 1/2
構造用合板 t=1/2"
floor:
flooring t=1"
structural plywood substrate t=1/2"
floor joist 2" 1/2
rigid insulation foam t=1" 1/2
structural plywood t=1/2"
木製パネル : 構造用合板 t=1/2"
スタイロフォーム
timber stud panel : structural plywood t=1/2"
nailed on 2"×2" framewith rigid insulation foam
梁 : 2"×12"材
lintel : structure timber 2"×12"
はしご
ladder
7 3/4'
9'
29 5/8'

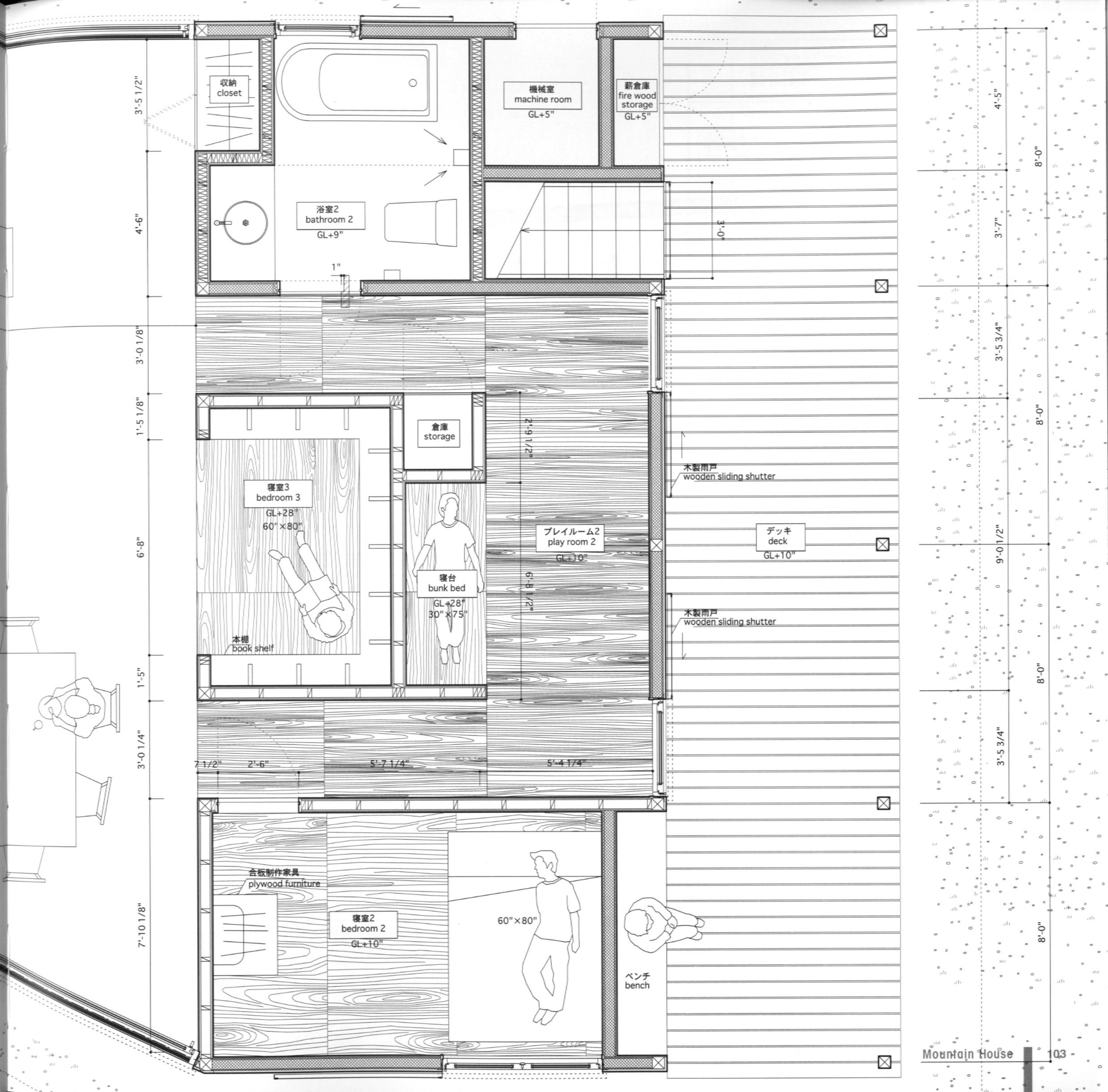


矩計図 / vertical section S:1/20

マウンテン・ハウス
Mountain House



平面詳細図 / horizontal section S:1/40


収納
closet
浴室2
bathroom 2
GL+9"
機械室
machine room
GL+5"
薪倉庫
fire wood
storage
GL+5"
3'-0"
1"
倉庫
storage
寝室3
bedroom 3
GL+28"
60"×80"
本棚
book shelf
寝台
bunk bed
GL+28"
30"×75"
プレイルーム2
play room 2
GL+10"
2'-9 1/2"
6'-8 1/2"
木製雨戸
wooden sliding shutter
木製雨戸
wooden sliding shutter
デッキ
deck
GL+10"
7 1/2"
2'-6"
5'-7 1/4"
5'-4 1/4"
合板制作家具
plywood furniture
寝室2
bedroom 2
GL+10"
60"×80"
ベンチ
bench
3'-5 1/2"
4'-6"
3'-0 1/8"
1'-5 1/8"
6'-8"
1'-5"
3'-0 1/4"
7'-10 1/8"
4'-5"
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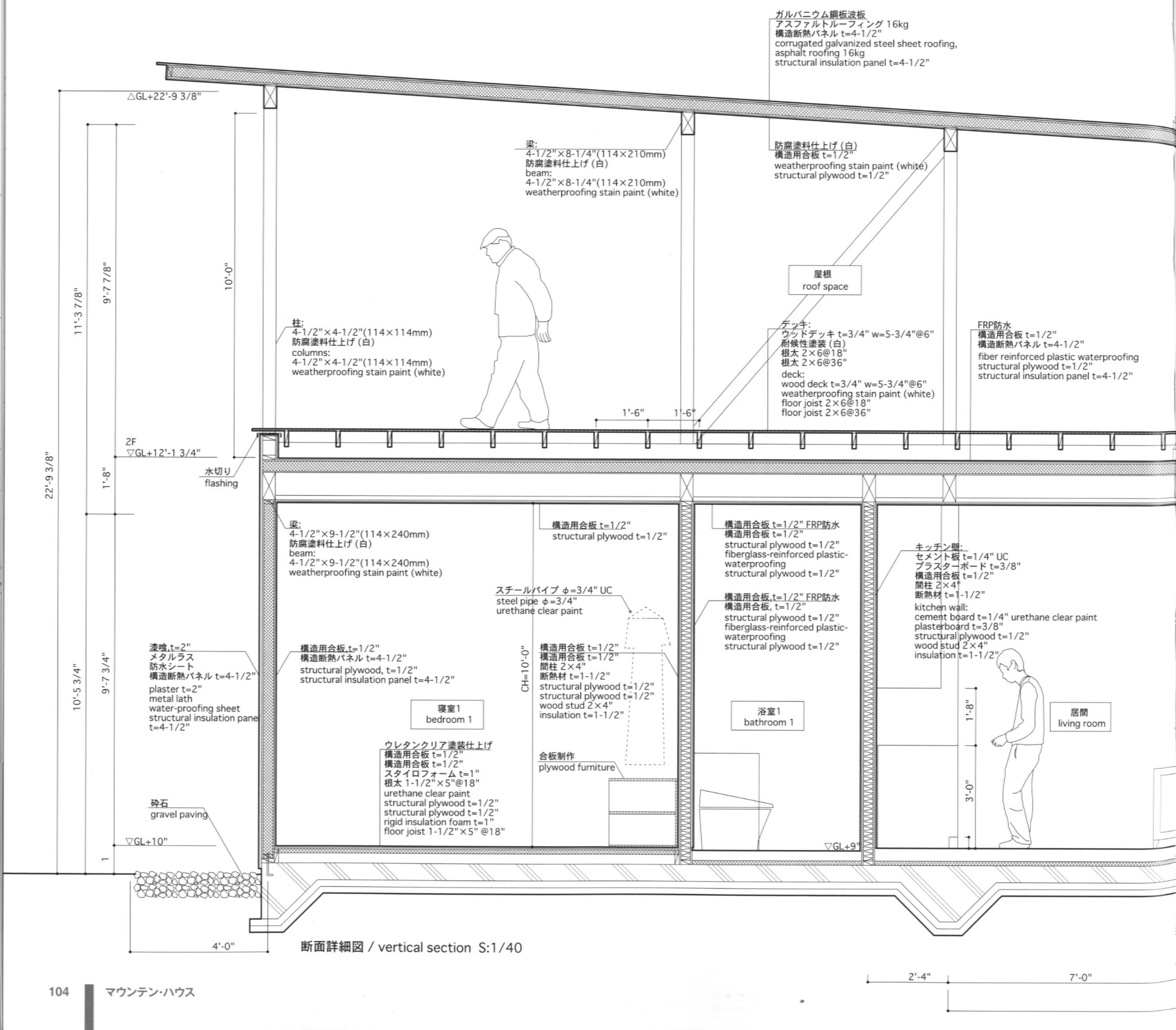
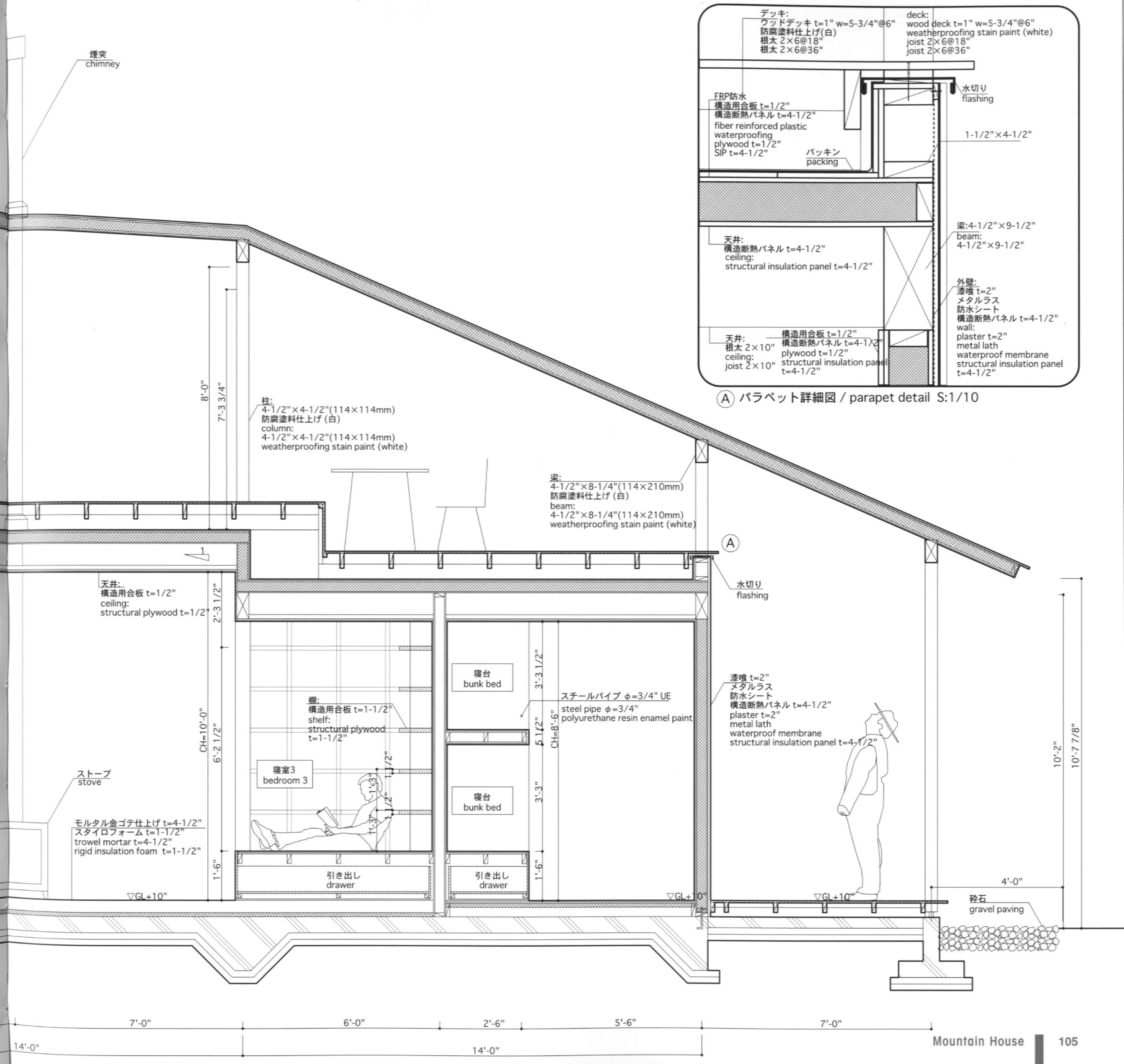
9'-0 1/2"
8'-0"
3'-5 3/4"
8'-0"



断面詳細図 / vertical section S:1/40



Ⓐ パラペット詳細図 / parapet detail S:1/10

住宅の振る舞いについて

ON THE BEHAVIOR OF HOUSES

On the behavior of houses

Houses with character

Atelier Bow-Wow has up until now designed about twenty detached houses and holiday villas, yet we are often told that they each have a unique character. Although we're not aware of any particular reason for this, the predominance of small houses is a constant condition, and more than a style, it is the differences in approach that have become conspicuous. This might be a strange simile, but we think that the characters of these small houses are like *nigiri* (hand-rolled) sushi. The compact format of a *nigiri* allows the flavors of all kinds of fish to be compared, and differences in the taste, shape, color, and texture of materials are converted into pleasure and richness. So in the case of small houses, how are these differences in character produced? To begin by stating our conclusion, the differences in character are produced by basing the building behavior on the place for which each house is planned, along with a dash of the client's personality. However, there are various ways of reading and interpreting a place, and there is no typical way for a building to behave. Precisely because of this, their mutual relationship must be sufficiently convincing.

The reason for addressing the behavior of these houses is that we want the current condition of Tokyo's residential districts to guide our hypotheses about the "city consisting of detached houses." For example, in the urban districts of European cities we can perceive the behavior of each individual building against the background of the texture of streets and the harmonious compositional orders. This common architectural language is understood by ordinary citizens, not just architects, so the meanings of these behaviors are decipherable, and newly built architecture can have a behavior that maintains a dialogue between history and the present day. A dialogue between architecture and city once existed in the towns of Japan, but this was completely disregarded during the period of high economic growth and development, directly linked to modernization and industrialization. Moreover, in Tokyo it has now finally become extinct as a result of deregulation. Because of this, perhaps it's unnecessary to be concerned about things like building behavior, yet this kind of behavior even now remains as stereotypical patterns in the way houses are built, and exists as fragments in particular experiments. Examining each one of these behaviors and giving a system to their differences might be the basis for assembling a micro-urbanism, allied with the implementation of individual works of architecture as urban spaces.

Here, while making comparisons between the houses of Atelier Bow-Wow, we primarily want to assess the relationships between building behavior and place, and to locate the methods and meanings of building behavior.

The case of suburbia

To begin with, let's look at the Gae House, the Ani House, and the Mini House as examples of building behavior in stereotypical suburbia. Securing a garden to the south by pulling the building to the north can be seen as standard behavior for these sites. Except for in the southern direction, as the sites become subdivided, the distances between neighboring houses are reduced. The more construction there is, the more stifling it becomes. In order to escape this vicious circle, the intention of these three designs was to find new behaviors that are repeatable, and conform to small sites.

First of all, momentarily forgetting the habitual trick for designing a house on a small site of using the entire allowable site coverage, as a literal interpretation of the principle of one site / one building put into practice, a small volume is popped down at the center of the site. The building therefore becomes three levels high, and the site coverage is lessened. By eliminating fences, which make small sites feel excessively constricted, sightlines may pass from the street to the depths of the site. The building is therefore buried a half-level underground, offsetting the sightlines between the street and the house interior. In addition, by making each level a single open space, apertures can be opened in any direction. The principle of the method shared by these three designs is to first establish a distance from the surrounding environment, then remake relationships in every direction. The differences between the three designs are manifest in the differences in their ways of making relationships with the surroundings.

In the case of the Ani House, the relationship is mediated by the window openings in the centers of three of the elevations. These each combine upper and lower floor windows into one large window, disproportionately sized for such a small house. They obscure the divisions and scales of the internal spaces, and at the same time create face-like façades at a scale corresponding to the street.

In the Mini House, by contrast, the relationship is mediated by the sub-volumes that project from the main volume in every direction. Because the site is extremely small, the composition also includes floors projecting into the areas where the main volume has been pulled back from the site boundaries. The windows in the Ani House can therefore also be seen as locations turned into outward-projecting volumes. The distances between the main volume and the site boundaries determine the depth of the sub-volumes, and by setting their locations according to relationships with things such as existing persimmon trees, they have interdependent relationships with the external spaces around the main volume. Furthermore, these sub-volumes incorporate niches, balconies, and storage spaces, and they obscure the divisions of internal spaces by straddling the floors on the outer faces of the main volume.

Moreover, in the case of the Gae House, the relationship is mediated by the projection of the eaves. Eaves were first tested in the D.a.S House, where their efficacy was confirmed by “pulling back” and “collecting” from the adjacent lots. Here, the projection of the eaves was led by the offset between the box-shaped volume placed in the middle of the site, and the largest roof permitted by the north diagonal setback line and the street diagonal setback line. Because plenty of houses with roofs still remain in this garden city district, the introduction of a roof here follows a general rule of behavior that makes reference to this architectural language. The Mini House extends limbs to the site boundaries, but the relationships with its surroundings are also severed by the verticality of the sub-volume walls. By contrast, the horizontality of the eaves gives a separation while simultaneously permitting an embrace. Nevertheless, by sealing the eaves projections with glass, they are literally horizontal windows that draw light reflected up from the adjacent gaps into the interior. The character of this horizontal window allows the interior to be clearly seen from outside, but only the ceiling surface is visible. Inside, at a distance from the window the outside isn’t visible, and the distance from the exterior can be chosen by moving closer so as to bring the adjacent gaps and the street into view.

Another example of an element that determines house behavior in this kind of residential district is the handling of automobiles. An automobile will occupy the entire narrow frontage of a small site, so as much as possible we avoid making this a dedicated parking space. Part of the space between the house and the adjacent lot boundary lines in the Ani House, the area below the sub-volume facing toward the street in the Mini House, and the area under the eaves extending toward the street in the Gae House are used as parking spaces when a car is present. When an automobile is parked in front of the building, it's not unattractive to have the side silhouette of the automobile incorporated into the elevation.

The case of dense residential districts

Next, let's look at the Ako House, House Tower, and House & Atelier Bow-Wow as examples of building behavior in increasingly fragmented high-density residential districts. Because the surface area of such sites is even further constrained, the volumes unavoidably expand vertically. Due to the fragmentation of Tokyo's residential districts, this type of building is increasing, but because many of them retain elements of suburban houses such as roofs and balconies they give a stunted and truncated impression. The aim of these three designs was to ensure the maximum capacity that can be placed on the site, while discovering new behaviors within density and within a state of vertical expansion.

First of all, in order to ensure maximum capacity the site itself is made three-dimensional, producing a volume that connects the ground to the sky with a single stroke. Utterly unlike house behavior in suburbia, the distance from the adjacent lots is not open to question. The surface area of the elevations then becomes bigger than the site footprint. By treating the elevations with a minimum of articulation in order to maximize this found surface area, large façades may be erected in overcrowded residential districts. They thereby achieve a distance from the repetitive collection of stunted architectural elements in the surrounding houses, producing a condition of blankness. Once again, the principle here is to selectively make links with the adjacent environment by inserting windows. In contrast with the exterior, the interior is a composition of small floor plates and stairs slightly offset on a continuous diagonal. Another principle is to make a finely articulated continuous space from the lowermost part, touching the ground, to the uppermost part, touching the sky. The differences between the three designs are manifest in the different site characteristics of corner lot, narrow lot, and flagpole lot.

The site for the Ako House is a corner lot, a place open in many directions. A corner lot is a significant spot in a town, one that catches the eye, and in this sense the call from the streets is a clearly defined site. With regard to this call, the issue of how the architecture behaves could become a kind of communication linking architecture and street. A corner has been sliced off the site, and by directly converted this into a volume, the surface of the sliced-off corner becomes a special surface. To avoid making an irregular element, the façade is divided into five wall surfaces of the same length with slightly shifted angles, connected like a *byobu* folding screen. By inserting a few windows, the rooms are again linked to the neighboring large zelkova tree and sloping street.

In contrast to this, the House Tower site is enclosed by surrounding buildings, located in a residential district of small houses crowded along tiny streets. In order to escape this oppressive atmosphere and derive a replicable house behavior, the design has been pulled back from the street by almost one third of the site's depth and stretched to give the tallest possible volume. With a frontage of 3m and a height of 11.4m, this bizarre volume appears as if it transgresses the regulations, and severs any relationships with the minutely fragmented surrounding residential district. Moreover, an arch window has been discreetly inserted into the façade, which is finished from top to bottom with a seamless coat of mortar. The reason for the arch window is that combining a square window with this volume would make it reminiscent of a prison watchtower. By instead combining it with an arch window, it is interestingly reminiscent of part of a medieval castle. In particular, the imbalance of the large arch window at the center of the façade corresponds to the scale of the interior, which is divided above and below by the second level floor, yet as it attracts glances from the street, the exterior responds to the spatial scale of the town, and the house becomes somehow majestic.

In the case of House & Atelier Bow-Wow, located on a flagpole site, the building is enclosed on all sides by neighboring houses. Here also, having secured the maximum volume permitted by the building regulations on the flag part, windows are inserted in order to make relationships with the neighboring environment. If this were an ordinary detached house, however, the views would be of private gardens and the like. Here they are substituted with the shared leftover spaces that characterize Tokyo's residential districts, such as the wall surfaces of neighboring buildings and the gaps between one building and the next. Nevertheless, because it doesn't directly touch the street, quite large openings can be placed opposing each other, and the interior spaces seem to attain a sense of unity with the gap spaces between the buildings. This behavior brings about a transformation in our understanding of the view, without which it might have become a house with almost no openings.

In a similar way, the Kus House is a further example of collecting windows in the gaps between one building and the next. In the case of the Kus House, the section that partially touches the street is re-perceived as building gap. Therefore, the building behavior with regard to the town is a collection of windows pragmatically superimposed on the elevations.

The case of forests or mixed residential-agricultural regions

With the exception of the Gae House, the houses we have examined up until now are roofless buildings. Put another way, in these houses building behavior is determined by the arrangement of volumes and the arrangement of windows. By contrast, Kawanishi Camping Cottage B, House Asama, and the Nora House can be seen as examples of the behavior of houses with roofs. These buildings are surrounded by vegetation, uneven topography, sunshine, and open fields, but rather than choosing one of these to generate a single system that the entire building must follow, they are characterized by the synthesis of many systems running in parallel through observing the individual behavior of each different architectural element in response to environmental elements.

In Kawanishi Camping Cottage B, the relationship with the surrounding environment is mediated by a gabled roof and raised floor, each of which has a different behavior, corresponding to the snow and the slope. The gabled roof tackles the snow, altering in pitch according to the changing width of the building by following a general rule of keeping the ridge and eaves horizontal. It is split into three wings that correspond to eating, sleeping, and bathing, which are combined into a Y shape. In contrast with this, the floor follows a stepping shape as if sliding down the slope from the mountain ridge to the valley. The steps of this behavior integrate the different postures of cooking, eating, socializing, and sleeping into a rhythmically varying cross-section. The space of Cottage B is the gap between these two behaviors of roof and floor. The Y shape is the trace of a farm trail discovered in the bushes, which helped minimize the felling of trees and maximize the contact surface with the forest. The windows are located along the walls, making a shallow space with regard to the forest. Moving through the black painted interior, the reciprocal influence of the glistening greenery of the forest is enhanced.

When winter arrives, the campground closes down, and this building is also prepared for winter weather. The metal hardware outside the windows allows wooden snow screens to be installed. The profile of the exterior wall assembly was devised to be continuous with the snow screens.

The site for House Asama is in the outskirts of Karuizawa. During the Meiji Era, Karuizawa was discovered as a summer resort area by British missionaries, and the holiday villas built in these woods have a shared behavior, comprising roofs, simple brown coloring, and no fences. It could be said that the unique atmosphere of Karuizawa is not only due to the woods, but also to the behavior of such buildings. In order to bring indoors the sense of being enclosed by the groves of trees on the site while following this basic behavior, the roof and walls were stained a burnt tea color, treated like boundary surfaces, and a window was inserted in each surface. As a result, the blue skies across the treetops in winter, as well as the beams of sunlight streaming through the foliage in summer, are brought inside from multiple directions. Divided in five by the hanging walls that also double as structural beams, the ceiling surface shows various different expressions of light and color in concert with the day, season, and time. Dimensions have been established in the roof divisions that correspond to the functions spread across the floor – the living room, dining room, study, bedroom, and washroom – and there are subtle differences in slope depending on location. These areas meet at the four corners of the building, and while inverting the compositional set of sloping roof, hanging walls, and windows, they respond to differences in the adjacent environment through differences in size, proportion, and location.

The Nora House site is on the outskirts of Sendai, in a residential district mixed with fields. There is no way to foresee whether it will continue to remain in this state, or will increase in density as a residential district. Because of this unstable situation, making a new house becomes a prediction about the future of the town. Imagining a new type of residential district mixed with fields, our intention here was to discover a house behavior appropriate for calling out to new urban farmers.

First, a large roof and veranda as seen in old farmhouses were introduced as the basic elements of the house. Using the slight difference in elevation between the street and the site, the veranda has been raised 1.2m, in effect becoming a low balcony, and also maintaining a distance from the street. In response to the somewhat uncanny indoor lifestyles of suburbia, aspects of daily life have been opened to the town by making the entire side facing the street into a veranda, where the young couple and their children work together in the home vegetable garden, eat meals, and sit outside in the cool of the evening. By keeping the eaves over the veranda low and horizontal, the building façade is monopolized by the veranda, so from the street the building appears to be a one-story house. Acting in concert with the roof shapes of the surrounding houses and the idyllic fields on the other side, the large roof ascends from the low part of the veranda to the height of the two light chimneys, and by lowering to a height of 1.5 stories in the deeper part of the site, it becomes full of undulations and twists. The motion of the roof is led by three conditions: following the gradual change in height from the veranda to the under-floor storage, following the change in floor height leading to the second level, and keeping the upper edge of the window horizontal with no valleys in the roof. This roof constrains the eaves to a 1.5-story height, gathering the windows into a single large one that straddles the upper and lower levels. This increases the quantity of glazing, and it begins to depart from the scale of a house. Like pinched, raised lumps on the large roof, the coherence of the roof is broken by the insertion of the light chimneys. As well as activating flows of light and air to the interior, they give the building a silhouette like two birds huddling together.

Call and response

Finally, through the above comparisons of house behaviors guided by each location, we will try to map the methods and meanings of building behavior in the houses of Atelier Bow-Wow.

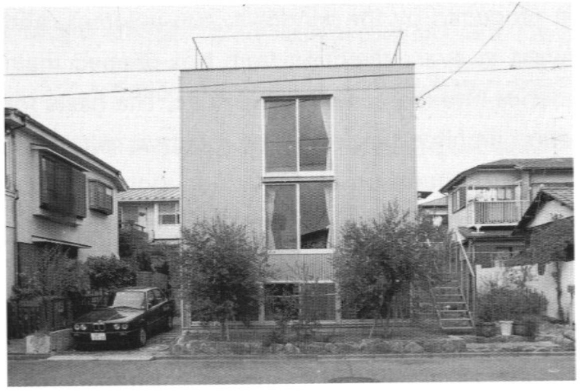
First of all, in suburban residential districts, behavior is produced by the windows, sub-volumes, and horizontal windows/eaves that make relationships outward in every direction from box-shaped main volumes that have been pulled back from the site boundaries into the center of the sites. The basis for this behavior is due to subtle differences in the mediating architectural elements, such as windows, sub-volumes, or horizontal glazing. The window addresses the question of controlling sightlines and their targets, the sub-volume addresses the question of the struggle for territory, and the horizontal window addresses the question of orientation and distance between inside and outside. The important point is that none of these elements are precisely aligned with the interior floor levels. Aside from an interior compositional theory based on the details of daily life, these offsets also reveal an exterior compositional theory, on the basis of which there is a call and response with the streets and neighboring houses. In other words, the dimension of communication becomes conspicuous.

There is no surplus on sites in dense residential districts, so the pull to the center and behavior toward the exterior that is valid in suburbia isn't valid here. To produce a substitute for this behavior in dense residential districts, a volume connecting ground to sky with a single stroke provides a large blank space (= façade), into which big windows are inserted. Beyond responding to each concrete element in the immediate area, these big windows are characterized by the transformation of dense residential districts into a kind of scenery. This becomes conspicuous as a call to the principles of dense residential districts. Small subdivided floors and large stair landings are established as if adjusted to the windows inserted in the restrained vertical volume. By occupying each one with the inhabitants' lifestyles, furniture, and fittings, these become organic spaces close to bodily behavior.

In forests or mixed residential-agricultural areas, the difference from suburbia and dense residential districts is in the way the roofs and floors deal with slopes (including steps). The floors adjust external topography to internal daily life, and the roofs adjust external snow and rain to internal movements of air and light, as well as human behavior. The slopes act to differentiate and integrate several places within a single continuous surface, and several calls may overlap in a single response made by the architectural elements of roof and floor. In this case, the architectural space manifests the offsets in the individual behaviors of each architectural element. Having first become separated from the surrounding environment, a human body introduced here is once again extended by means of the floors, roofs, and windows, and is able to perceive the place with extreme acuity, including the surrounding environment.

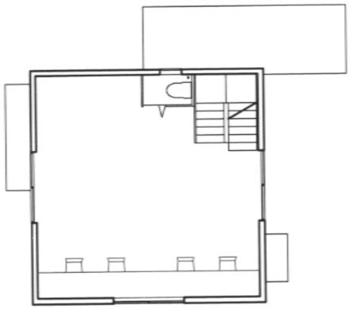
Looked at in this way, the house designs of Atelier Bow-Wow do not blindly follow the concrete surrounding environment and the principles of the city that generates it, nor do they disregard these and do something completely unrelated. While persistently using this environment and the principles that produce it as an underlay, by examining and activating the relationships of call and response between it and architecture, the desire is to develop the dimension of communication through architecture. The "pull" of centralized layouts in suburbia, the "blank" of façades in dense residential districts, the "offset" of floor and roof behavior in forests or mixed residential-agricultural regions; these are methods for examining the dimension of call and response, for discovering more flexible relationships, and they could also be described as links between architectural typology and urban morphology. By then reassembling them into an architectural language, whether in the city or in nature, we hope every architectural opportunity will be connected to the practice of lively space.

アニ・ハウス **Ani House**

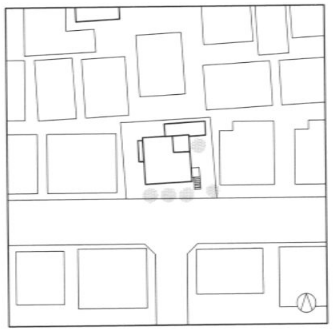


所在地————神奈川県茅ケ崎市
用途————専用住宅
構造設計————梅沢建築構造研究所
施工————東京鐵筋コンクリート
設計担当————塚本由晴、貝島桃代
構造・工法————鉄骨造
階数————2F+B1
敷地面積————122.32m^2
建築面積————46.74m^2
建ぺい率————38.21%
許容建ぺい率——60.00%
延床面積————121.85m^2
容積率————70.18%
許容容積————150.00%
設計期間————1996.3-1996.10
工事期間————1996.10-1997.4
掲載ページ——10

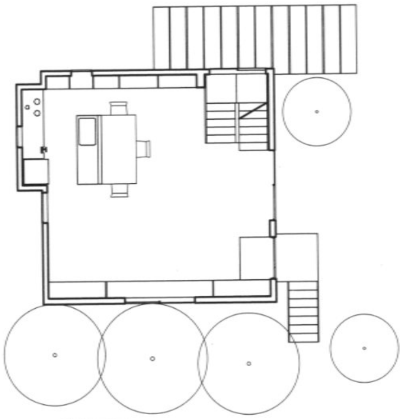
LOCATION: CHIGASAKI, KANAGAWA PREFECTURE
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: UMEZAWA STRUCTURAL ENGINEERS
GENERAL CONCRETE: TOKYO TEKKIN CONCRETE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 2F+B1
SITE AREA: 122.32m^2
BUILT AREA: 46.74m^2
BUILT RATIO: 38.21%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 121.85m^2
FLOOR-AREA RATIO: 70.18%
MAXIMUM FLOOR-AREA RATIO: 150.00%
DESIGN PERIOD: 1996.3-1996.10
CONSTRUCTION PERIOD: 1996.10-1997.4
SEE PAGE: 10



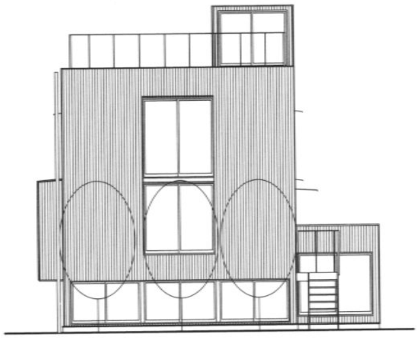
二階平面図
2F PLAN



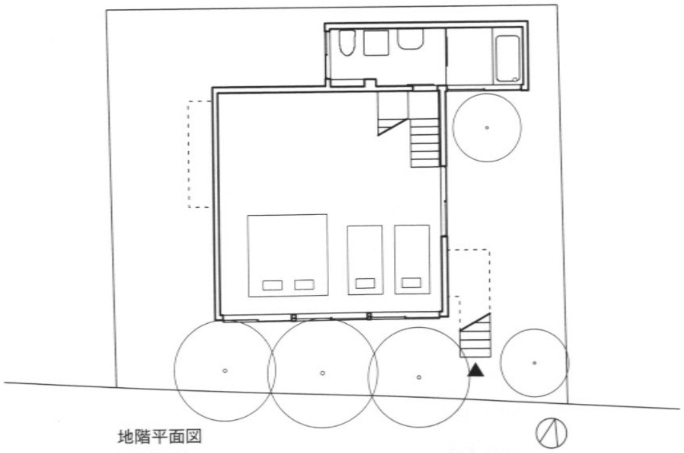
配置図 1/1000
SITE PLAN



一階平面図
1F PLAN



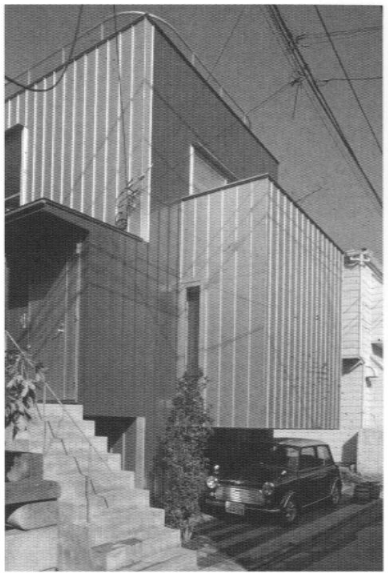
立面図
ELEVATION



地階平面図
BF PLAN

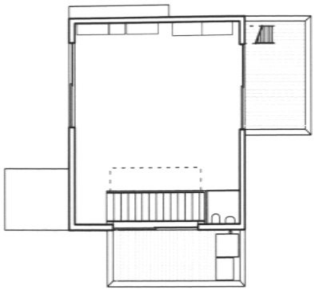
S:1/200
0 1 2 3 4 5 (m)

ミニ・ハウス Mini House

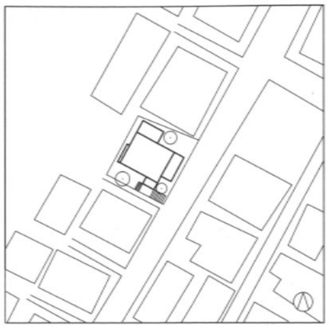


所在地――東京都練馬区
用途――専用住宅
構造設計――梅沢建築構造研究所
施工――東京鐵筋コンクリート
設計担当――塚本由晴、貝島桃代、
東京工業大学塚本研究室(武井誠)
構造・工法――鉄骨造
階数――2F+B1
敷地面積――76.63m^2
建築面積――40.80m^2
建ぺい率――53.20%
許容建ぺい率――60.00%
延床面積――90.32m^2
容積率――117.87%
許容容積――160.00%
設計期間――1997.9-1998.4
工事期間――1998.4-1998.10
掲載ページ――14

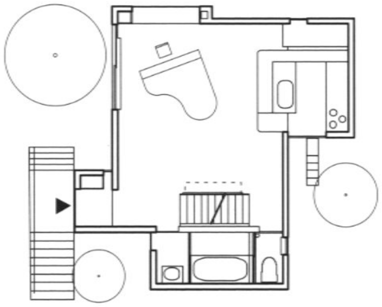
LOCATION: NERIMA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: UMEZAWA STRUCTURAL ENGINEERS
GENERAL CONCRETE: TOKYO TEKKIN CONCRETE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Makoto Takei)
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 2F+B1
SITE AREA: 76.63m^2
BUILT AREA: 40.80m^2
BUILT RATIO: 53.20%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 90.32m^2
FLOOR-AREA RATIO: 117.87%
MAXIMUM FLOOR-AREA RATIO: 160.00%
DESIGN PERIOD: 1997.9-1998.4
CONSTRUCTION PERIOD: 1998.4-1998.10
SEE PAGE: 14



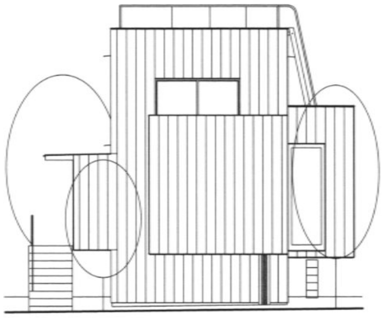
二階平面図
2F PLAN



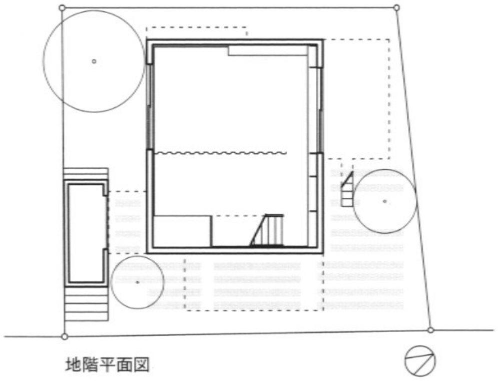
配置図 1/1000
SITE PLAN



一階平面図
1F PLAN



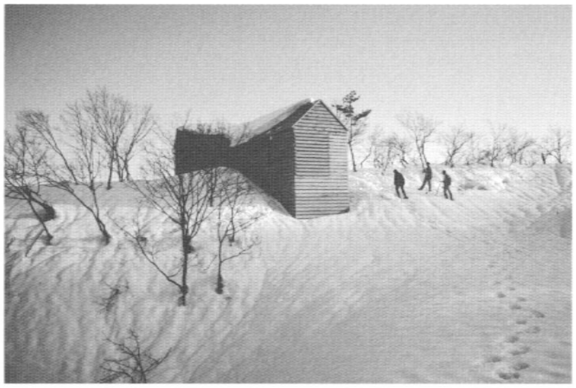
立面図
ELEVATION



地階平面図
BF PLAN

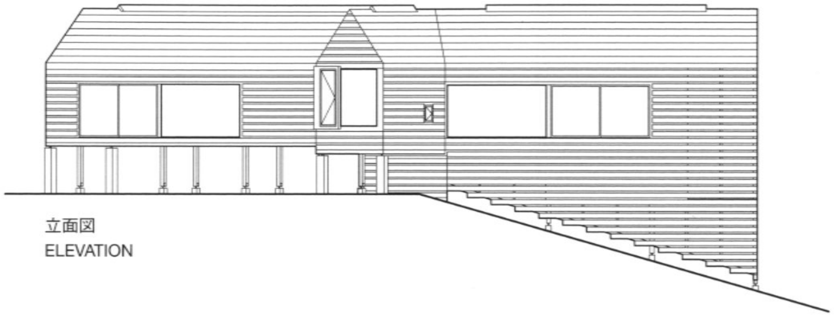
S:1/200
0 1 2 3 4 5 (m)

川西町コテージB Kawanishi Camping Cottage B

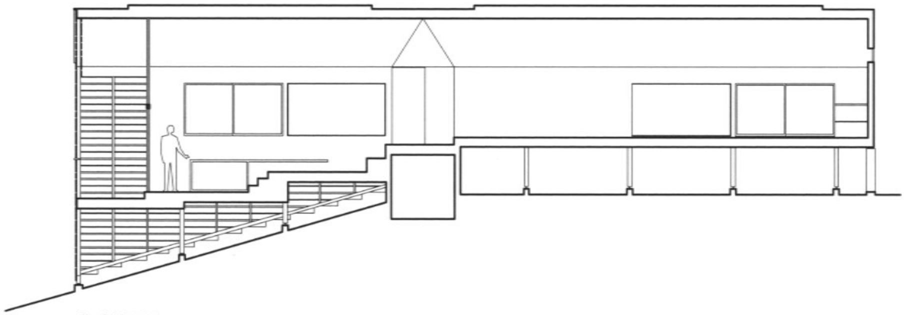


所在地——新潟県中魚沼郡川西町
用途——宿泊施設
構造設計——金箱構造設計事務所
施工——井川・栄松特定共同事業体
設計担当——塚本由晴、貝島桃代、東京工業大学塚本研究室(高木俊)、
共同設計者：三村大介(malo planning)
構造・工法——木造
階数——1F
敷地面積——16,430.00m^2
建築面積——63.70m^2
建ぺい率——0.40%
許容建ぺい率——70.00%
延床面積——63.70m^2
容積率——0.40%
許容容積——400.00%
設計期間——1998.8-1998.9
工事期間——1998.10-1998.12
掲載ページ——18

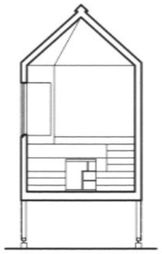
TITLE: Kawanishi Camping Cottage B
LOCATION: KAWANISHI, NAKAUONUMA, NIIGATA PREFECTURE
PRINCIPAL USE: CAMPING COTTAGE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: JV of Igawa and Eimatsu
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Shun Takagi)
+ malo planning(Daisuke Mimura)
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 1F
SITE AREA: 16,430.00m^2
BUILT AREA: 63.70m^2
BUILT RATIO: 0.40%
MAXIMUM BUILT RATIO: 70.00%
TOTAL FLOOR AREA: 63.70m^2
FLOOR-AREA RATIO: 0.40%
MAXIMUM FLOOR-AREA RATIO: 400.00%
DESIGN PERIOD: 1998.8-1998.9
CONSTRUCTION PERIOD: 1998.10-1998.12
SEE PAGE: 18



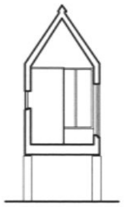
立面図
ELEVATION



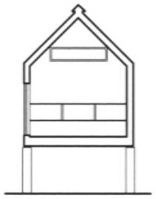
長手断面図
LONGITUDINAL SECTION



キッチン部断面図
EATING WIING SECTION



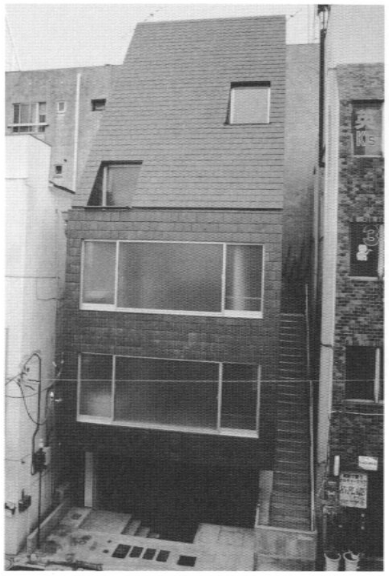
トイレ部断面図
SHOWERING WIING SECTION

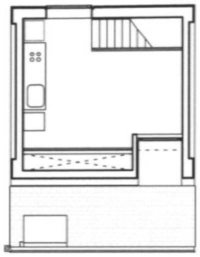


寝室部断面図
SLEEPING WIING SECTION

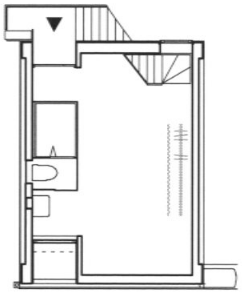
S：1/200
0 1 2 3 4 5 (m)

モカ・ハウス **Moca House**

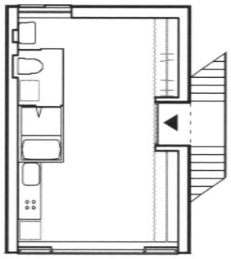




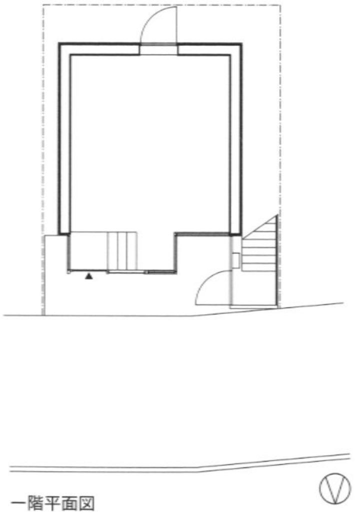
五階平面図
5F PLAN



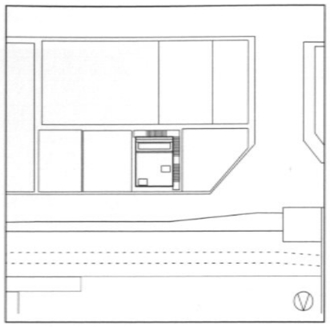
四階平面図
4F PLAN



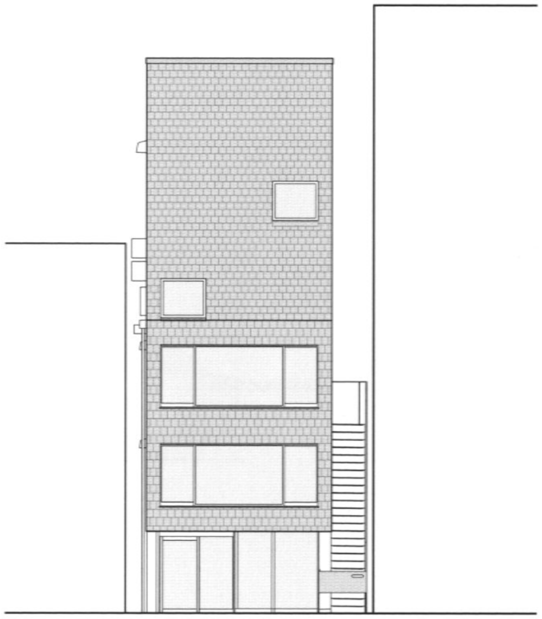
二階平面図
2F PLAN



一階平面図
1F PLAN



配置図 1/1000
SITE PLAN



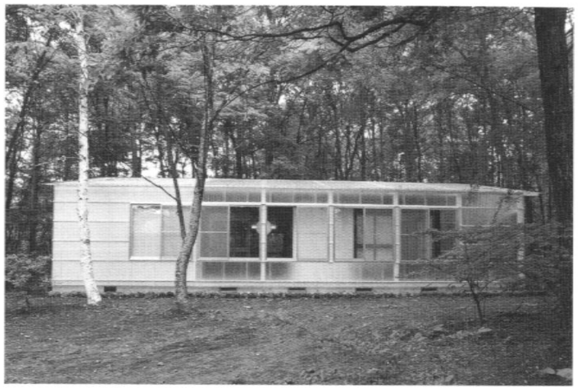
立面図
ELEVATION

所在地——東京都中野区
用途——共同住宅・店舗
構造設計——金箱構造設計事務所
施工——ホームイング
設計担当——塚本由晴、貝島桃代、高木俊*
構造・工法——鉄骨コンクリート造
階数——5F
敷地面積——51.82m^2
建築面積——28.76m^2
建ぺい率——55.50%
許容建ぺい率——90.00%
延床面積——120.25m^2
容積率——232.10%
許容容積——240.00%
設計期間——1999.5-2000.1
工事期間——2000.2-2000.7
掲載ページ——22

TITLE: Moca House
LOCATION: NAKANO, TOKYO
PRINCIPAL USE: APARTMENT + SHOP
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HOMEING
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Shun Takagi
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE
FLOOR: 5F
SITE AREA: 51.82m^2
BUILT AREA: 28.76m^2
BUILT RATIO: 55.50%
MAXIMUM BUILT RATIO: 90.00%
TOTAL FLOOR AREA: 120.25m^2
FLOOR-AREA RATIO: 232.10%
MAXIMUM FLOOR-AREA RATIO: 240.00%
DESIGN PERIOD: 1999.5-2000.1
CONSTRUCTION PERIOD: 2000.2-2000.7
SEE PAGE: 22

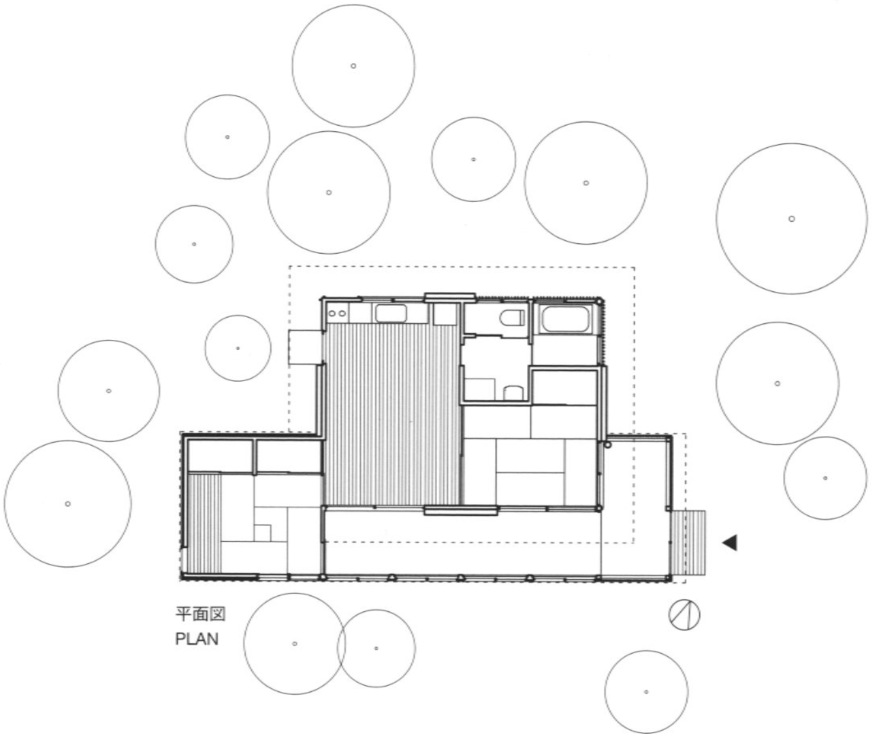
S:1/200
0 1 2 3 4 5 (m)

ミツモン荘 Moth House

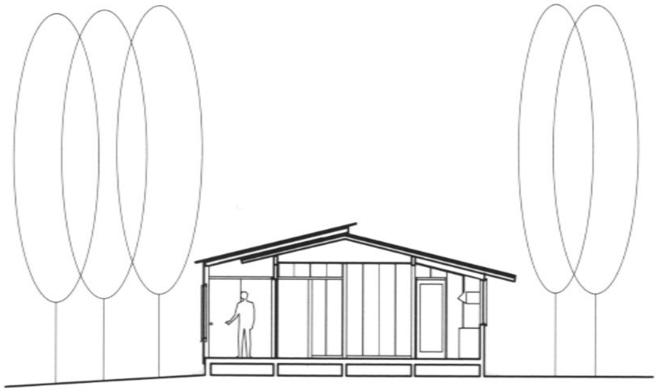


所在地——長野県北佐久郡御代田
用途——別荘（増改築）
施工——ホームイング
設計担当——塚本由晴、貝島桃代
構造・工法——木造
階数——1F
敷地面積——776.22m^2
建築面積——72.87m^2
建ぺい率——9.40%
許容建ぺい率——40.00%
延床面積——72.87m^2
容積率——9.40%
許容容積——60.00%
設計期間——2000.1-2000.5
工事期間——2000.5-2000.7
掲載ページ——26

TITLE: Moth House
LOCATION: MIYOTA, KITASAKU, NAGANO PREFECTURE
PRINCIPAL USE: VILLA(extension)
GENERAL CONCRETE: HOMEING
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 1F
SITE AREA: 776.22m^2
BUILT AREA: 72.87m^2
BUILT RATIO: 9.40%
MAXIMUM BUILT RATIO: 40.00%
TOTAL FLOOR AREA: 72.87m^2
FLOOR-AREA RATIO: 9.40%
MAXIMUM FLOOR-AREA RATIO: 60.00%
DESIGN PERIOD: 2000.1-2000.5
CONSTRUCTION PERIOD: 2000.5-2000.7
SEE PAGE: 26

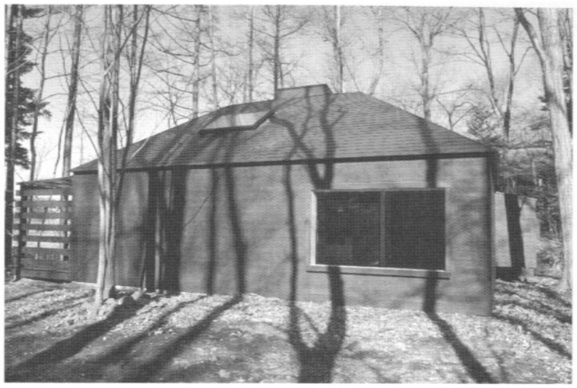


平面図
PLAN



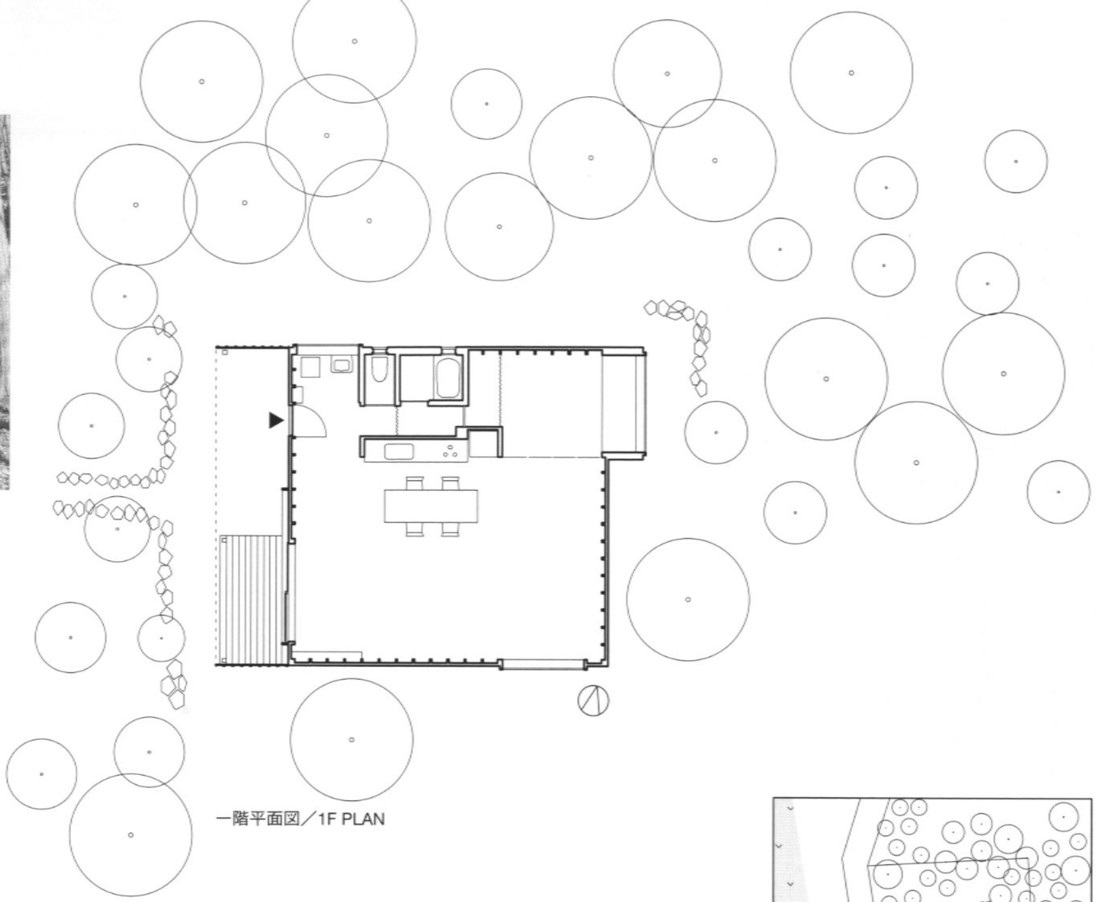
断面図
SECTION

ハウス・アサマ House Asama

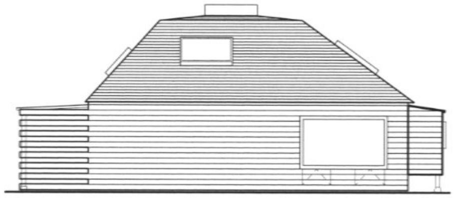


所在地——長野県北佐久郡軽井沢町
用途——別荘
構造設計——金箱構造設計事務所
施工——ホームイング
設計担当——塚本由晴、貝島桃代、高木俊*
構造・工法——木造
階数——2F
敷地面積——571.00m²
建築面積——84.50m²
建ぺい率——14.80%
許容建ぺい率——20.00%
延床面積——87.00m²
容積率——12.20%
許容容積——20.00%
設計期間——2000.1-2000.6
工事期間——2000.7-2000.12
掲載ページ——30

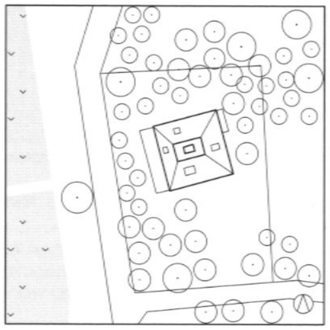
LOCATION: KARUIZAWA, KITASAKU, NAGANO PREFECTURE
PRINCIPAL USE: VILLA
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HOMEING
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Shun Takagi
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 571.00m²
BUILT AREA: 84.50m²
BUILT RATIO: 14.80%
MAXIMUM BUILT RATIO: 20.00%
TOTAL FLOOR AREA: 87.00m²
FLOOR-AREA RATIO: 12.20%
MAXIMUM FLOOR-AREA RATIO: 20.00%
DESIGN PERIOD: 2000.1-2000.6
CONSTRUCTION PERIOD: 2000.7-2000.12
SEE PAGE: 30



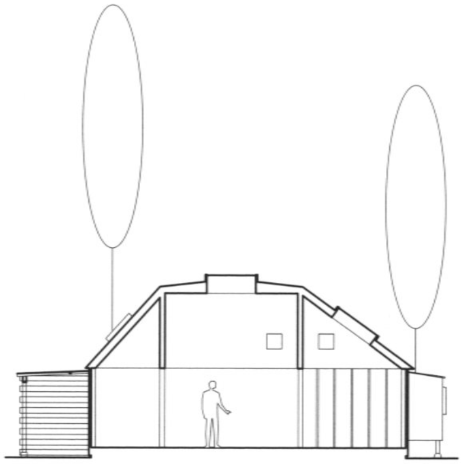
一階平面図／1F PLAN



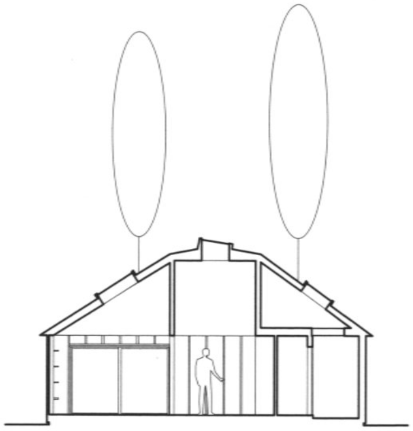
立面図／ELEVATION



配置図 1/1000／SITE PLAN



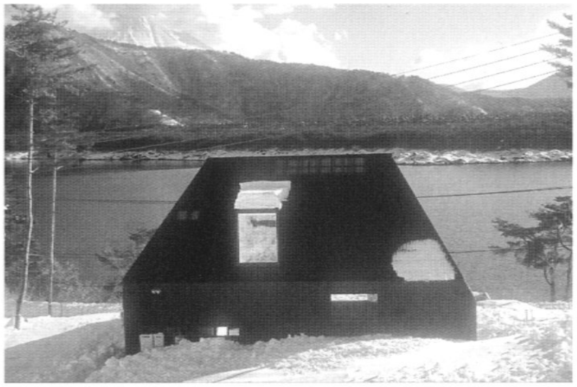
断面図／SECTION



断面図／SECTION

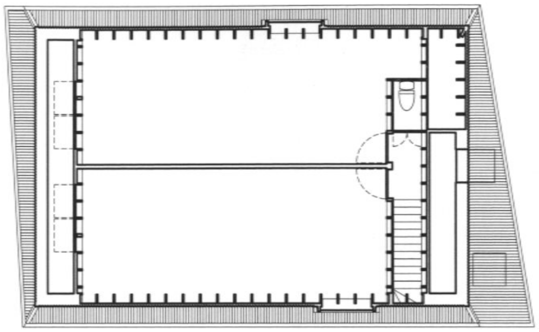
S:1/200
0 1 2 3 4 5 (m)

ハウス・サイコ House Saiko

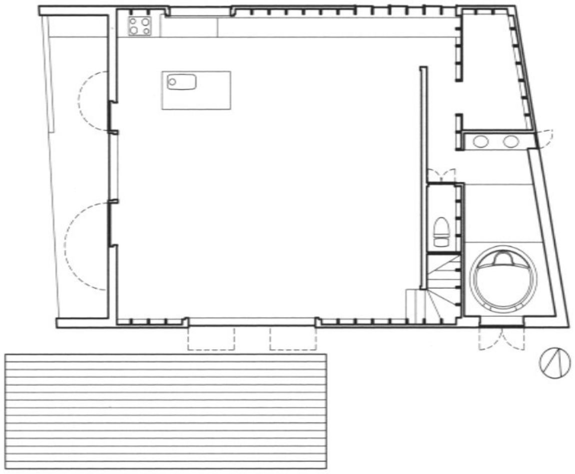


所在地————山梨県南都留郡足和田村
用途————別荘
構造設計————金箱構造設計事務所
施工————七保
設計担当————塚本由晴、貝島桃代、東京工業大学塚本研究室(山崎徹也)
構造・工法————木造
階数————2F
敷地面積————740.90m^2
建築面積————104.35m^2
建ぺい率————14.08%
許容建ぺい率——50.00%
延床面積————157.96m^2
容積率————21.32%
許容容積————200.00%
設計期間————2000.1-2000.6
工事期間————2000.10-2001.1
掲載ページ————34

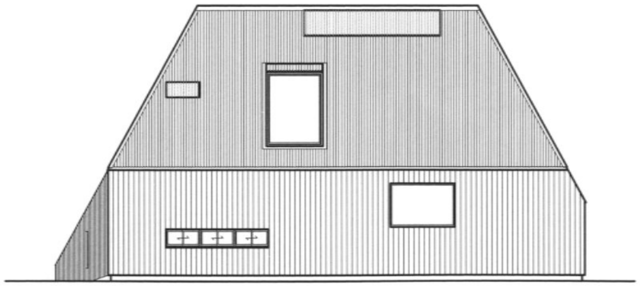
LOCATION: ASHIWADA, MINAMITSURU, YAMANASHI PREFECTURE
PRINCIPAL USE: VILLA
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: NANAHO
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Tetsuya Yamazaki)
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 740.90m^2
BUILT AREA: 104.35m^2
BUILT RATIO: 14.08%
MAXIMUM BUILT RATIO: 50.00%
TOTAL FLOOR AREA: 157.96m^2
FLOOR-AREA RATIO: 21.32%
MAXIMUM FLOOR-AREA RATIO: 200.00%
DESIGN PERIOD: 2000.1-2000.6
CONSTRUCTION PERIOD: 2000.10-2001.1
SEE PAGE: 34



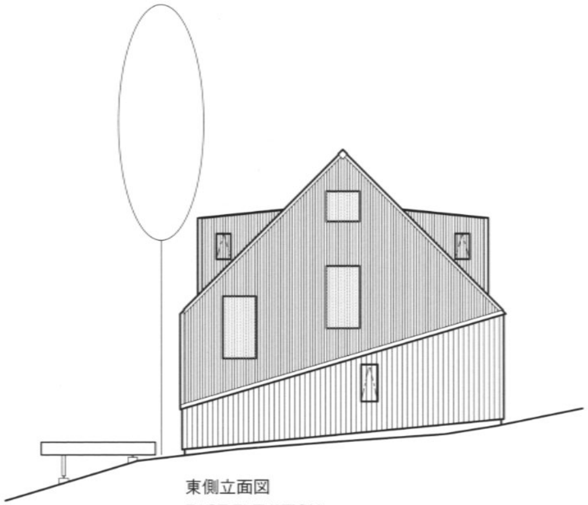
二階平面図
2F PLAN



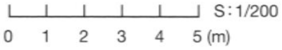
一階平面図
1F PLAN



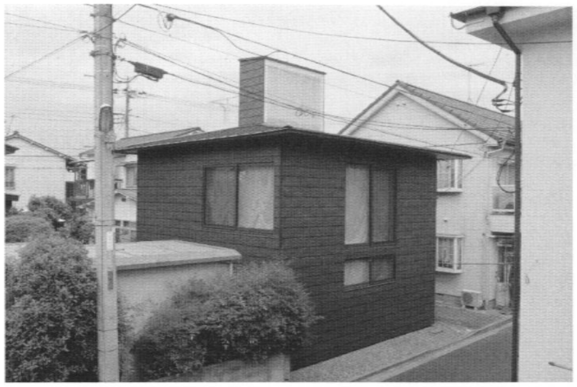
北側立面図
NORTH ELEVATION



東側立面図
EAST ELEVATION

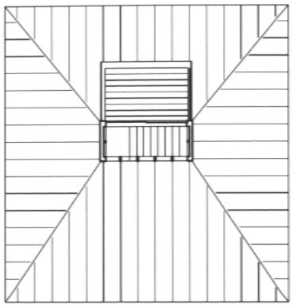


ダス・ハウス D.a.S House

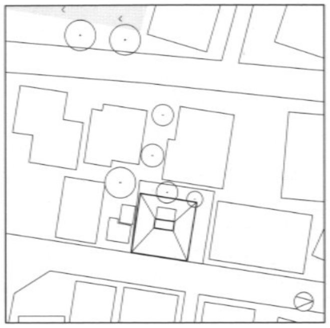


所在地——東京都三鷹市
用途——住居兼アトリエ
構造設計——金箱構造設計事務所
施工——飯塚建築
設計担当——塚本由晴、貝島桃代、関本丹青
構造・工法——木造
階数——2F
敷地面積——94.46m^2
建築面積——36.00m^2
建ぺい率——38.11%
許容建ぺい率——40.00%
延床面積——74.00m^2
容積率——78.34%
許容容積——80.00%
設計期間——2000.6-2001.9
工事期間——2001.10-2002.2
掲載ページ——38

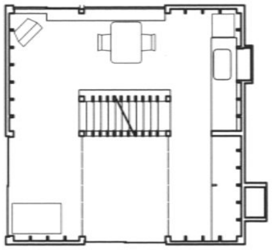
LOCATION: MITAKA, TOKYO
PRINCIPAL USE: RESIDENCE + ATELIER
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: IIZUKA CONSTRUCTION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Mio Sekimoto
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 94.46m^2
BUILT AREA: 36.00m^2
BUILT RATIO: 38.11%
MAXIMUM BUILT RATIO: 40.00%
TOTAL FLOOR AREA: 74.00m^2
FLOOR-AREA RATIO: 78.34%
MAXIMUM FLOOR-AREA RATIO: 80.00%
DESIGN PERIOD: 2000.6-2001.9
CONSTRUCTION PERIOD: 2001.10-2002.2
SEE PAGE: 38



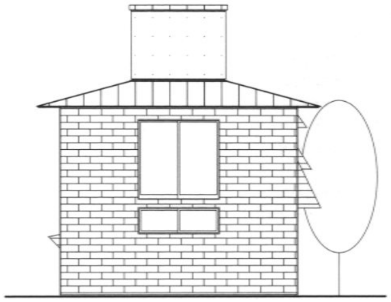
R階平面図
RF PLAN



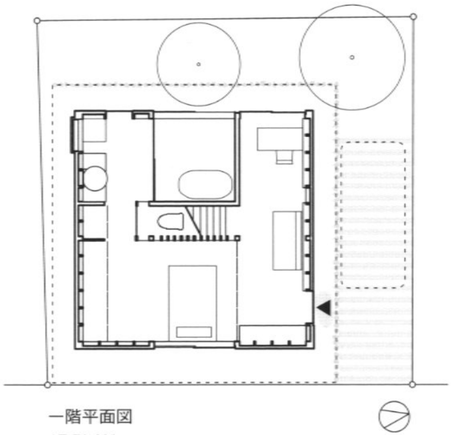
配置図 1/1000
SITE PLAN



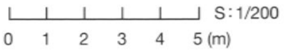
二階平面図
2F PLAN



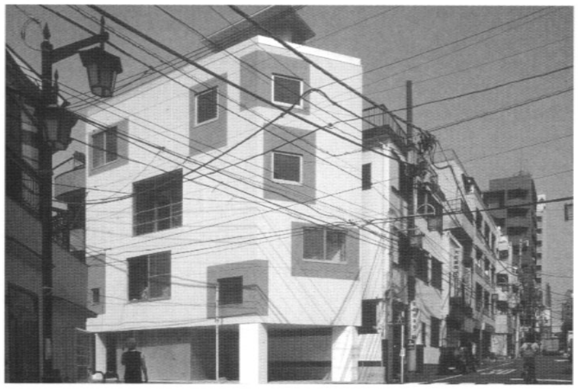
立面図
ELEVATION



一階平面図
1F PLAN

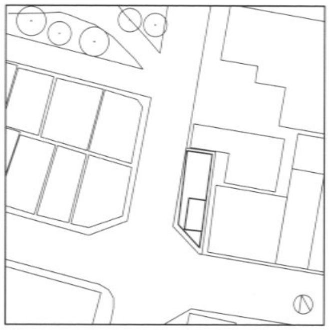


シャロー・ハウス Shallow House

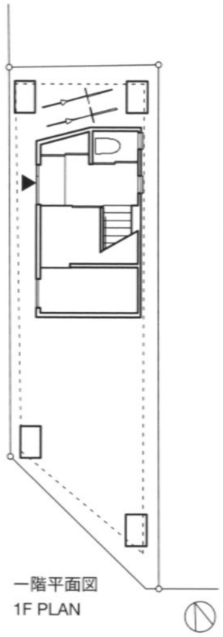


所在地——東京都新宿区
用途——専用住宅
構造設計——金箱構造設計事務所
施工——ホームイング
設計担当——塚本由晴、貝島桃代、田中正洋*、高木俊*
構造・工法——鉄骨造
階数——4F
敷地面積——47.27m²
建築面積——35.65m²
建ぺい率——75.42%
許容建ぺい率——100.00%
延床面積——142.66m²
容積率——263.82%
許容容積——400.00%
設計期間——2001.6-2002.1
工事期間——2002.2-2002.7
掲載ページ——40

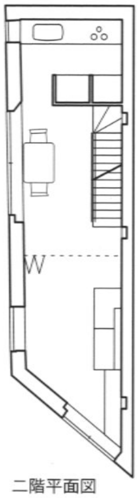
LOCATION: SHINJUKU, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HOMEING
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Masahiro Tanaka, Shun Takagi
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 4F
SITE AREA: 47.27m²
BUILT AREA: 35.65m²
BUILT RATIO: 75.42%
MAXIMUM BUILT RATIO: 100.00%
TOTAL FLOOR AREA: 142.66m²
FLOOR-AREA RATIO: 263.82%
MAXIMUM FLOOR-AREA RATIO: 400.00%
DESIGN PERIOD: 2001.6-2002.1
CONSTRUCTION PERIOD: 2002.2-2002.7
SEE PAGE: 40



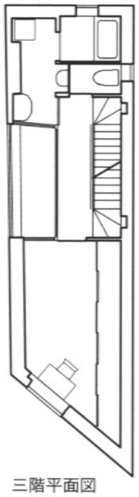
配置図 1/1000
SITE PLAN



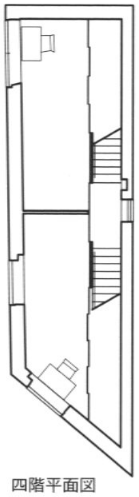
一階平面図
1F PLAN



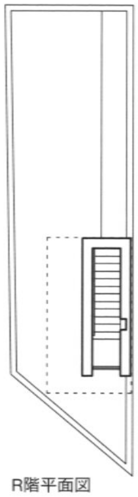
二階平面図
2F PLAN



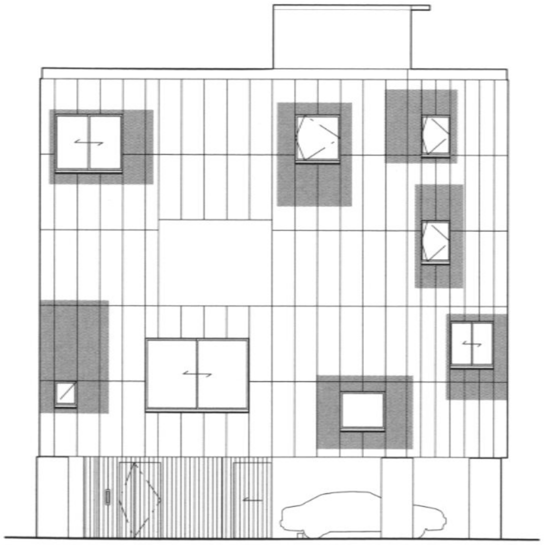
三階平面図
3F PLAN



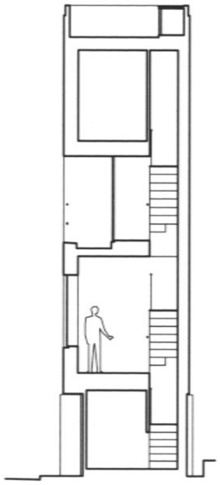
四階平面図
4F PLAN



R階平面図
RF PLAN

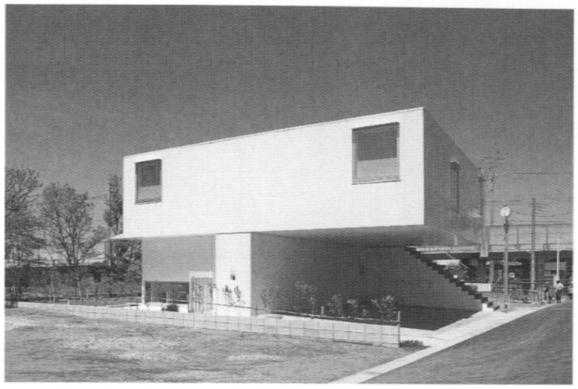


立面図
ELEVATION



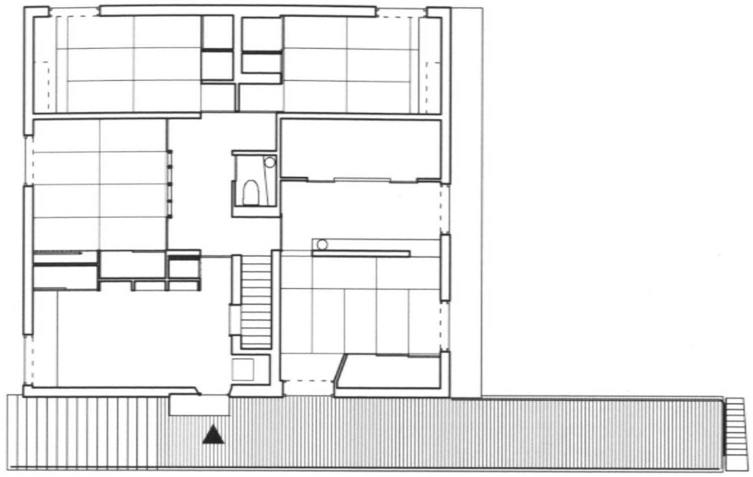
断面図
SECTION

ジグ Jig

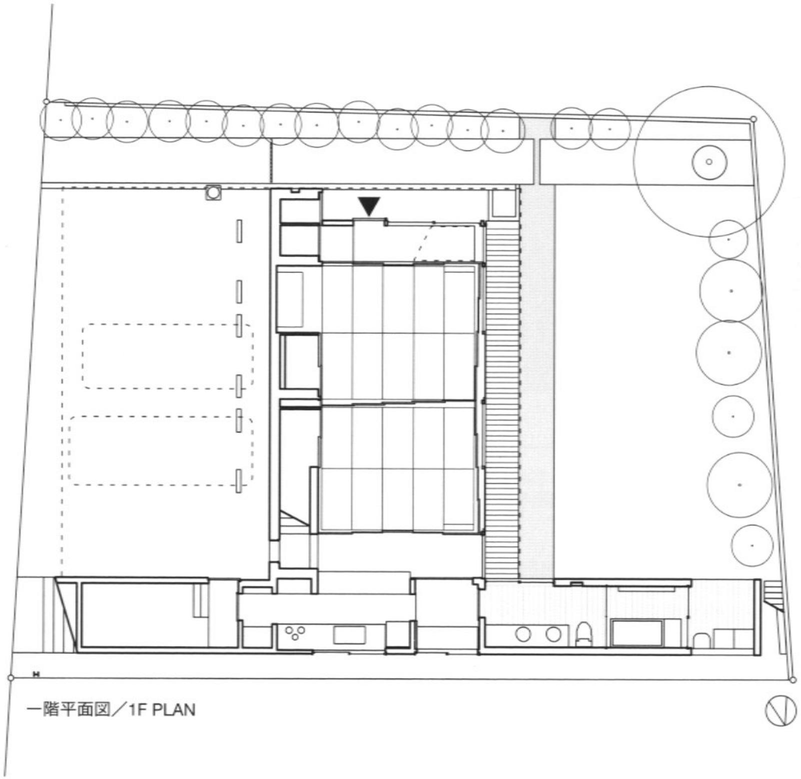


所在地――千葉県船橋市
用途――専用住宅
構造設計――金箱構造設計事務所
施工――花実建設
設計担当――塚本由晴、貝島桃代、山崎徹也*
構造・工法――鉄骨コンクリート十鉄骨造、木造
階数――2F
敷地面積――295.22m²
建築面積――144.23m²
建ぺい率――48.86%
許容建ぺい率――50.00%
延床面積――254.51m²
容積率――86.21%
許容容積――100.00%
設計期間――2000.12-2002.6
工事期間――2002.9-2003.3
掲載ページ――44

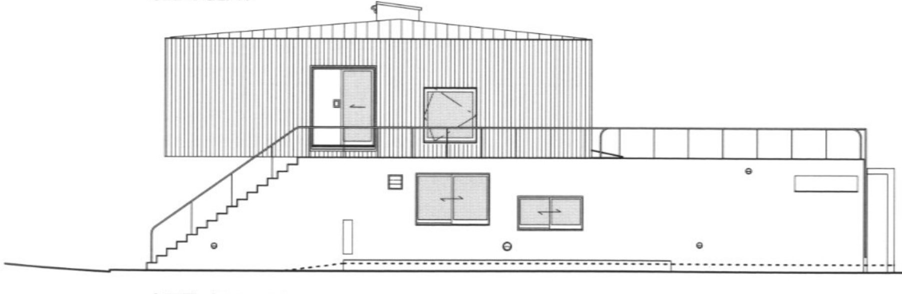
LOCATION: FUNABASHI, CHIBA PREFECTURE
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HANAMI CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima, Tetsuya Yamazaki
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE+STEEL CONSTRUCTION, WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 295.22m²
BUILT AREA: 144.23m²
BUILT RATIO: 48.86%
MAXIMUM BUILT RATIO: 50.00%
TOTAL FLOOR AREA: 254.51m²
FLOOR-AREA RATIO: 86.21%
MAXIMUM FLOOR-AREA RATIO: 100.00%
DESIGN PERIOD: 2000.12-2002.6
CONSTRUCTION PERIOD: 2002.9-2003.3
SEE PAGE: 44



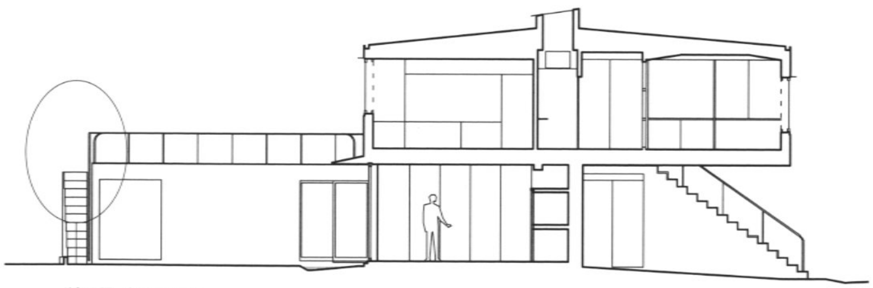
二階平面図／2F PLAN



一階平面図／1F PLAN



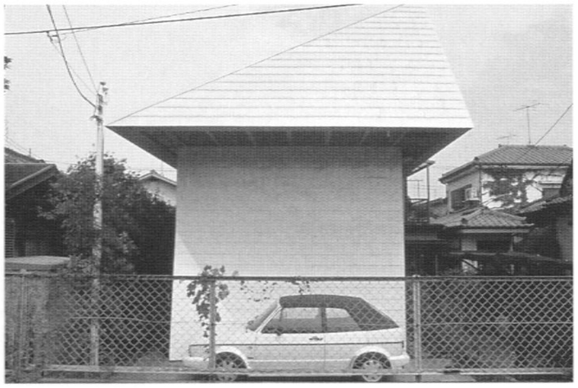
立面図／ELEVATION



断面図／SECTION

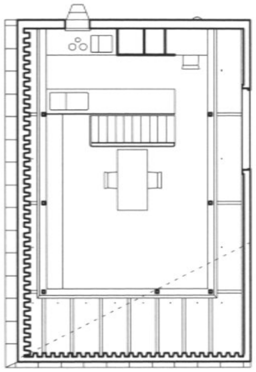
S：1/200
0 1 2 3 4 5 (m)

ガエ・ハウス Gae House

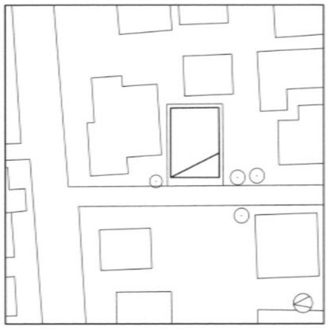


所在地 ——— 東京都世田谷区
用途 ——— 専用住宅
構造設計 ——— オーク構造設計
施工 ——— 東京鐵筋コンクリート
設計担当 ——— 塚本由晴、貝島桃代、
東京工業大学塚本研究室(斎藤理、桜井大輔、
鈴木悠子、平林政道、富永大毅)
構造・工法 ——— 鉄骨造
階数 ——— 2F+B1
敷地面積 ——— 74.40m²
建築面積 ——— 36.32m²
建ぺい率 ——— 48.81%
許容建ぺい率 ——— 50.00%
延床面積 ——— 88.42m²
容積率 ——— 90.24%
許容容積 ——— 100.00%
設計期間 ——— 2001.12-2002.12
工事期間 ——— 2003.1-2003.7
掲載ページ ——— 48

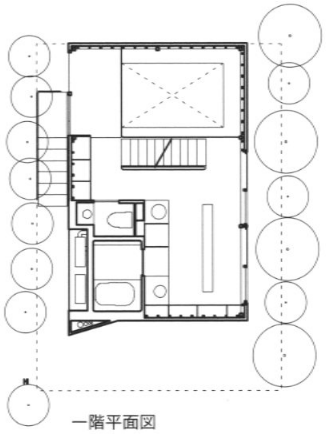
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN OFFICE OAK
GENERAL CONCRETE: TOKYO TEKKIN CONCRETE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Satoshi Saito,Daisuke Sakurai,
Masamichi Hirabayashi, Hiroki Tominaga)
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 2F+B1
SITE AREA: 74.40m²
BUILT AREA: 36.32m²
BUILT RATIO: 48.81%
MAXIMUM BUILT RATIO: 50.00%
TOTAL FLOOR AREA: 88.42m²
FLOOR-AREA RATIO: 90.24%
MAXIMUM FLOOR-AREA RATIO: 100.00%
DESIGN PERIOD: 2001.12-2002.12
CONSTRUCTION PERIOD: 2003.1-2003.7
SEE PAGE: 48



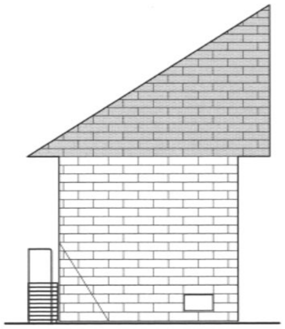
二階平面図
2F PLAN



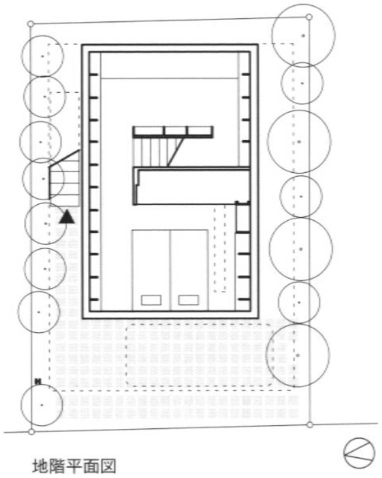
配置図 1/1000
SITE PLAN



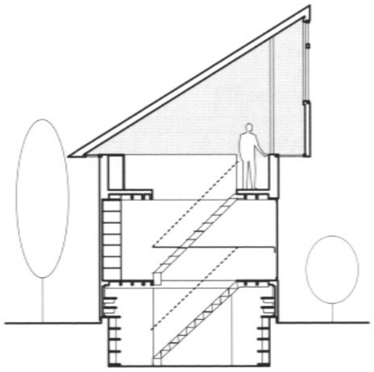
一階平面図
1F PLAN



立面図
ELEVATION



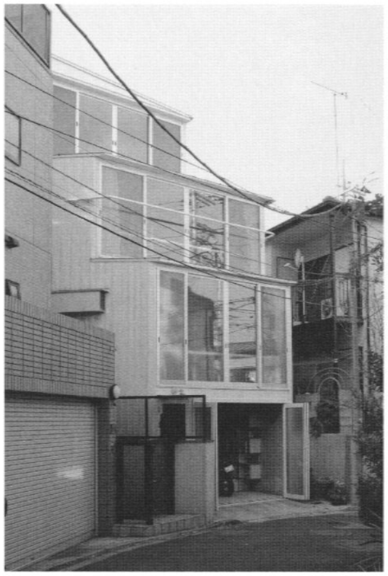
地階平面図
BF PLAN



断面図
SECTION

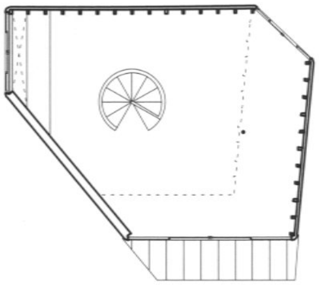
S:1/200
0 1 2 3 4 5 (m)

クス・ハウス **Kus House**

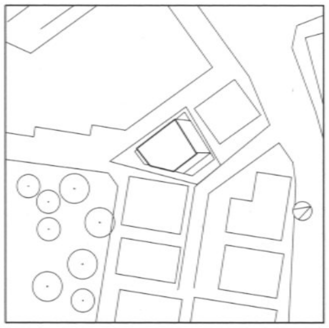


所在地——東京都世田谷区
用途——専用住宅
構造設計——池田昌弘（mias)
施工——河合建築
設計担当——塚本由晴、貝島桃代、
共同設計者：寺内美紀子、池田昌弘（mias)
構造・工法——本造十鉄骨造
階数——2F+B1
敷地面積——70.90m²
建築面積——42.24m²
建ぺい率——59.58%
許容建ぺい率——60.00%
延床面積——123.18m²
容積率——154.88%
許容容積——160.00%
設計期間——2002.4-2003.6
工事期間——2003.6-2004.2
掲載ページ——52

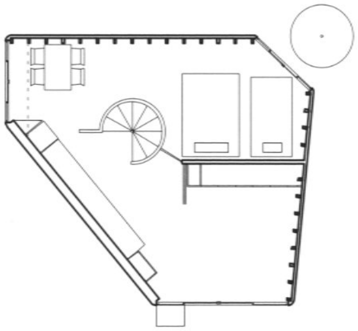
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: MASAHIRO IKEDA (mias)
GENERAL CONCRETE: KAWAI CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ Mikiko Terauchi + Masahiro Ikeda
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
+STEEL CONSTRUCTION
FLOOR: 2F+B1
SITE AREA: 70.90m²
BUILT AREA: 42.24m²
BUILT RATIO: 59.58%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 123.18m²
FLOOR-AREA RATIO: 154.88%
MAXIMUM FLOOR-AREA RATIO: 160.00%
DESIGN PERIOD: 2002.4-2003.6
CONSTRUCTION PERIOD: 2003.6-2004.2
SEE PAGE: 52



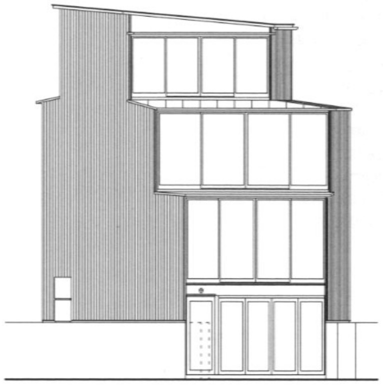
三階平面図
3F PLAN



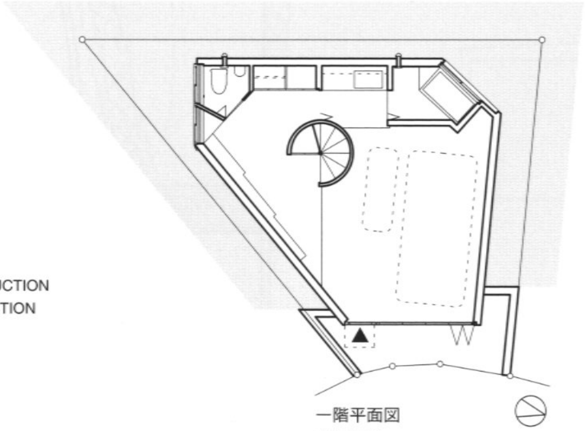
配置図 1/1000
SITE PLAN



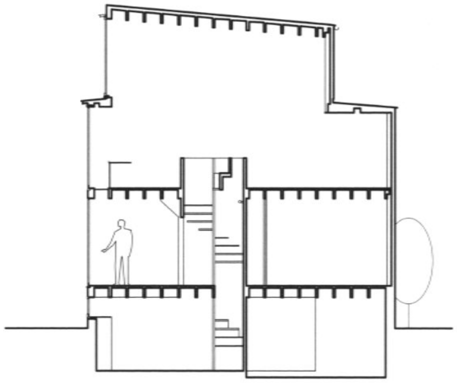
二階平面図
2F PLAN



立面図
ELEVATION



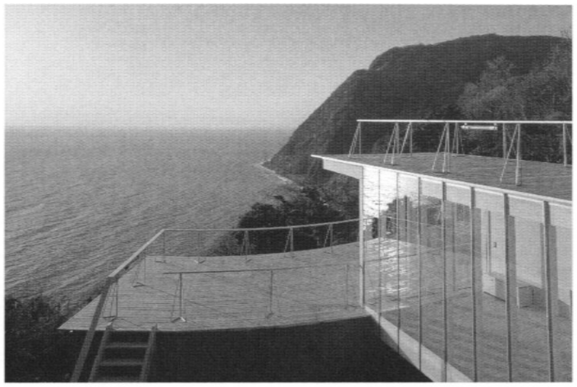
一階平面図
1F PLAN



断面図
SECTION

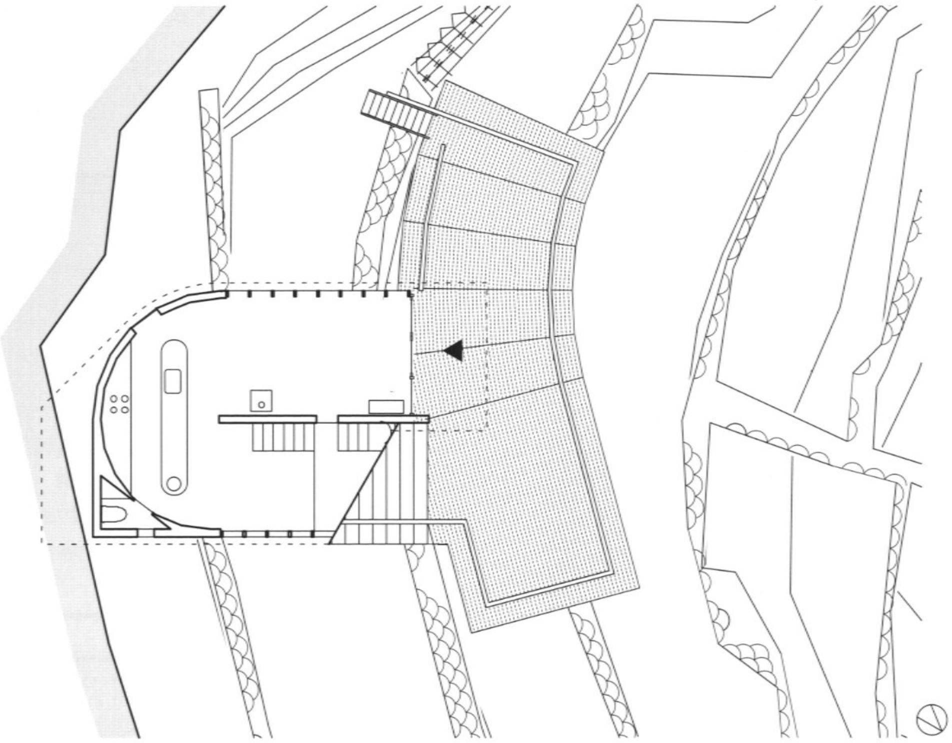
S:1/200
0 1 2 3 4 5 (m)

イズ・ハウス Izu House

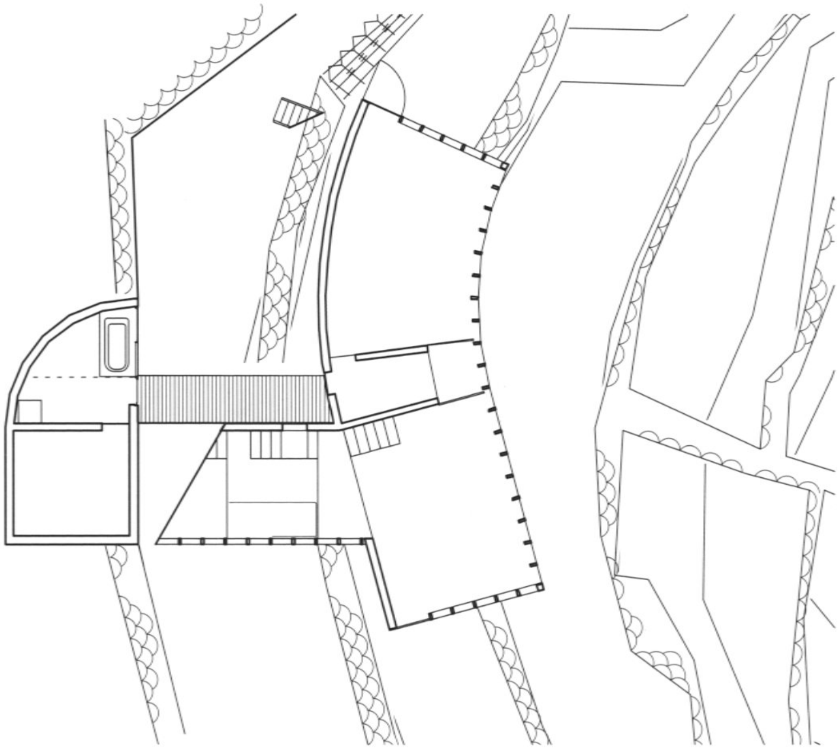


所在地――――静岡県西伊豆
用途――――専用住宅
構造設計――――オーク構造設計
施工――――大同工業
設計担当――――塚本由晴、貝島桃代、高木俊*
構造・工法――――木造+鉄骨造
階数――――2F
敷地面積――――3,762.77m^2
建築面積――――108.65m^2
建ぺい率――――2.88%
延床面積――――133.08m^2
容積率――――3.53%
設計期間――――2002.6-2003.8
工事期間――――2003.9-2004.3
掲載ページ――――56

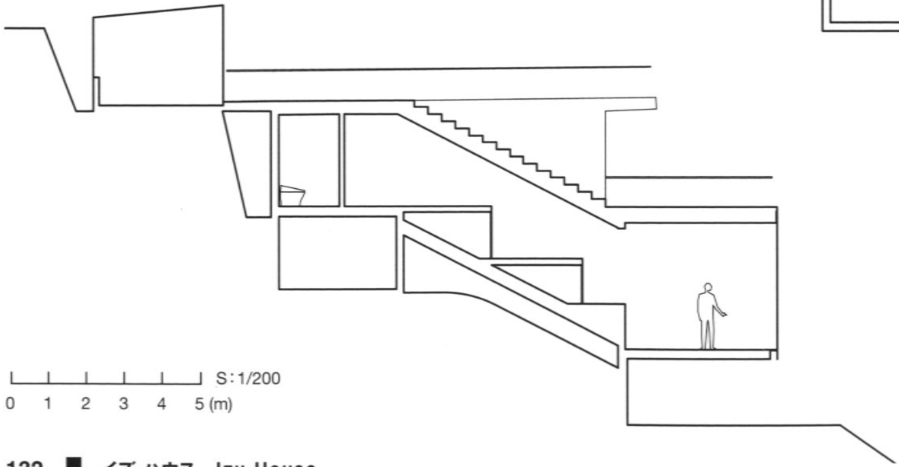
LOCATION: NISHIIZU, SHIZUOKA PREFECTURE
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN OFFICE OAK
GENERAL CONCRETE: DAIDO KOGYO CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Shun Takagi
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
+STEEL CONSTRUCTION
FLOOR: 2F
SITE AREA: 3,762.77m^2
BUILT AREA: 108.65m^2
BUILT RATIO: 2.88%
TOTAL FLOOR AREA: 133.08m^2
FLOOR-AREA RATIO: 3.53%
DESIGN PERIOD: 2002.6-2003.8
CONSTRUCTION PERIOD: 2003.9-2004.3
SEE PAGE: 56



上部平面図
UPPER PART PLAN

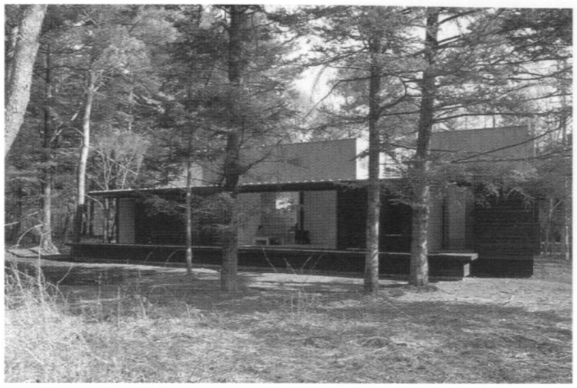


下部平面図
LOWER PART PLAN



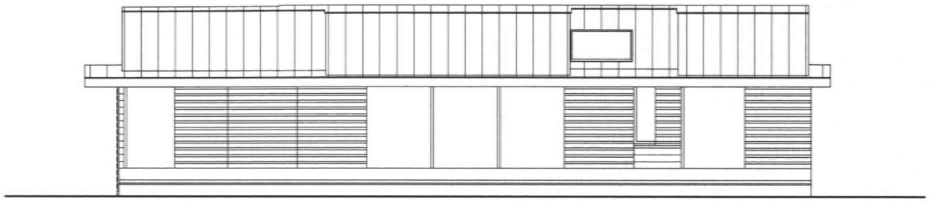
断面図
SECTION

黒犬荘 Black Dog House

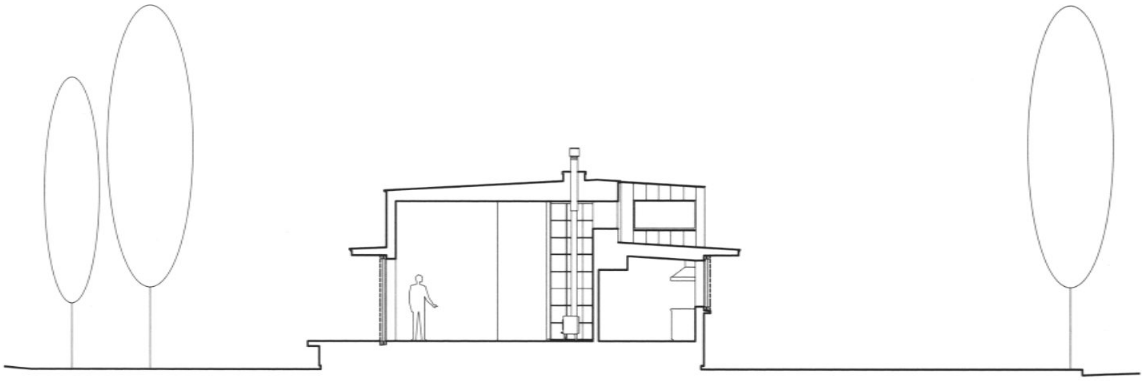


所在地——長野県北佐久郡軽井沢町
用途——週末住宅
構造設計——金箱構造設計事務所
施工——丸山工務店
設計担当——塚本由晴、貝島桃代、山本卓郎*
構造・工法——木造
階数——1F
敷地面積——1,136.03m^2
建築面積——145.80m^2
建ぺい率——12.83%
許容建ぺい率——30.00%
延床面積——145.80m^2
容積率——11.27%
許容容積——50.00%
設計期間——2002.12-2003.8
工事期間——2003.9-2004.4
掲載ページ——60

LOCATION: KARUIZAWA, KITASAKU, NAGANO PREFECTURE
PRINCIPAL USE: WEEKEND HOUSE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: MARUYAMA CONSTRUCTION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Takuro Yamamoto
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 1F
SITE AREA: 1,136.03m^2
BUILT AREA: 145.80m^2
BUILT RATIO: 12.83%
MAXIMUM BUILT RATIO: 30.00%
TOTAL FLOOR AREA: 145.80m^2
FLOOR-AREA RATIO: 11.27%
MAXIMUM FLOOR-AREA RATIO: 50.00%
DESIGN PERIOD: 2002.12-2003.8
CONSTRUCTION PERIOD: 2003.9-2004.4
SEE PAGE: 60

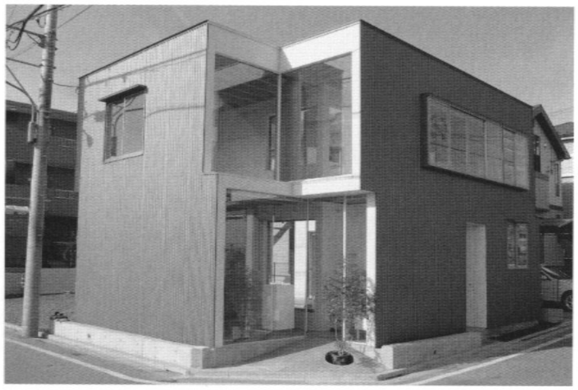


北立面図
ELEVATION



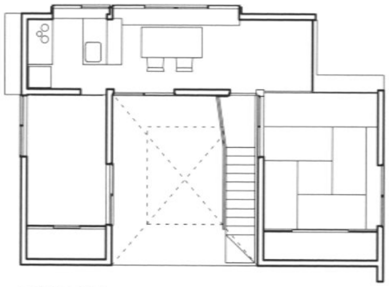
断面図
SECTION

ロコ・ハウス Loco House

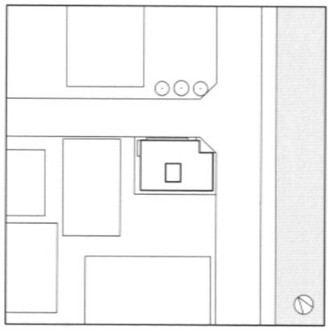


所在地———東京都八王子市
用途———住居＋店舗
構造設計———金箱構造設計事務所
施工———飯塚建築
設計担当———塚本由晴、貝島桃代、山本卓郎*
構造・工法———木造
階数———2F
敷地面積———79.00m²
建築面積———40.05m²
建ぺい率———50.70%
許容建ぺい率———60.00%
延床面積———78.79m²
容積率———99.73%
許容容積———100.00%
設計期間———2004.3-2004.8
工事期間———2004.9-2005.1
掲載ページ———64

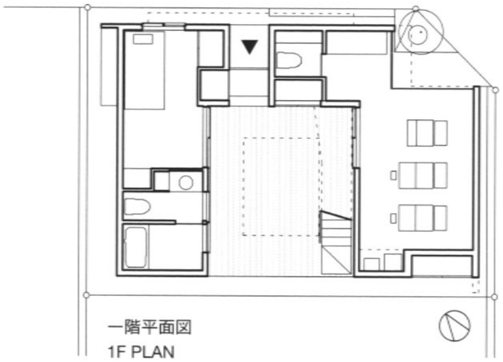
LOCATION: HACHIOJI, TOKYO
PRINCIPAL USE: RESIDENCE + SHOP
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: IIZUKA CONSTRUCTION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Takuro Yamamoto
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 79.00m²
BUILT AREA: 40.05m²
BUILT RATIO: 50.70%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 78.79m²
FLOOR-AREA RATIO: 99.73%
MAXIMUM FLOOR-AREA RATIO: 100.00%
DESIGN PERIOD: 2004.3-2004.8
CONSTRUCTION PERIOD: 2004.9-2005.1
SEE PAGE: 64



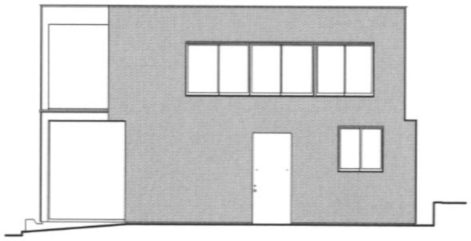
二階平面図
2F PLAN



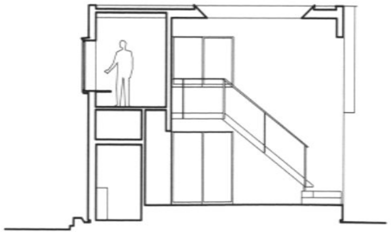
配置図 1/1000
SITE PLAN



一階平面図
1F PLAN



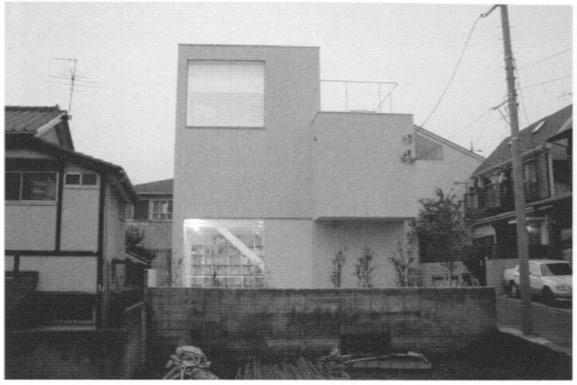
立面図
ELEVATION



断面図
SECTION

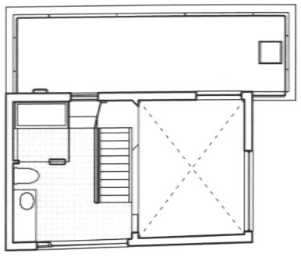
S : 1/200
0 1 2 3 4 5 (m)

ジューシー・ハウス Juicy House

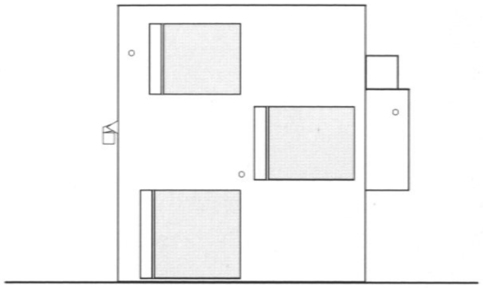


所在地——東京都世田谷区
用途——専用住宅
構造設計——金箱構造設計事務所
施工——花実建設
設計担当——塚本由晴、貝島桃代、玉井洋一
構造・工法——鉄骨造十鉄筋コンクリート造
階数——3F+B1
敷地面積——75.18m²
建築面積——43.20m²
建ぺい率——57.46%
許容建ぺい率——60.00%
延床面積——130.37m²
容積率——121.81%
許容容積——150.00%
設計期間——2002.11-2004.6
工事期間——2004.7-2005.2
掲載ページ——68

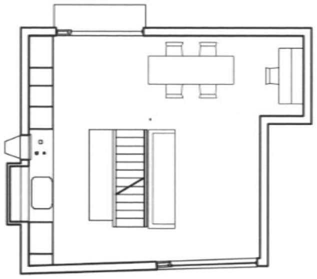
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HANAMI CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Yoichi Tamai
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
+REINFORCED CONCRETE
FLOOR: 3F+B1
SITE AREA: 75.18m²
BUILT AREA: 43.20m²
BUILT RATIO: 57.46%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 130.37m²
FLOOR-AREA RATIO: 121.81%
MAXIMUM FLOOR-AREA RATIO: 150.00%
DESIGN PERIOD: 2002.11-2004.6
CONSTRUCTION PERIOD: 2004.7-2005.2
SEE PAGE: 68



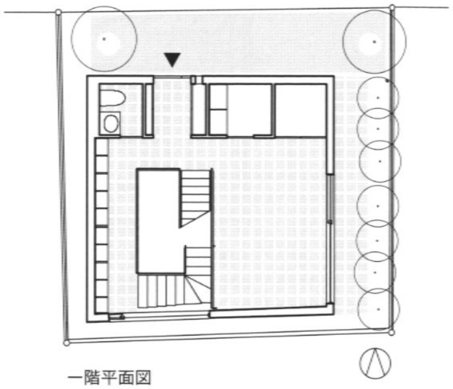
三階平面図
3F PLAN



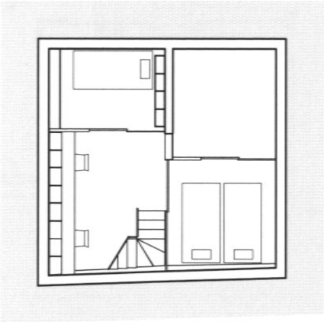
立面図
ELEVATION



二階平面図
2F PLAN

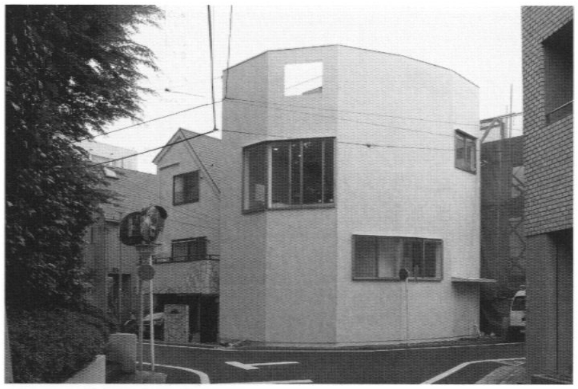


一階平面図
1F PLAN



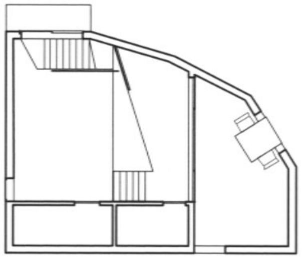
地階平面図
BF PLAN

アコ・ハウス Ako House

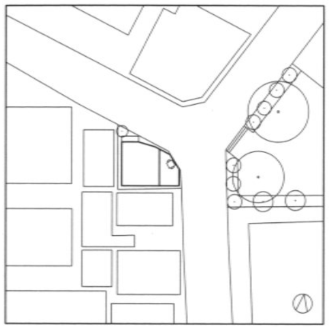


所在地——東京都世田谷区
用途——専用住宅
構造設計——金箱構造設計事務所
施工——飯塚建築
設計担当——塚本由晴、貝島桃代、山本卓郎*
構造・工法——木造
階数——3F
敷地面積——51.26m^2
建築面積——35.51m^2
建ぺい率——69.27%
許容建ぺい率——70.00%
延床面積——84.86m^2
容積率——165.55%
許容容積——200.00%
設計期間——2004.5-2004.12
工事期間——2005.1-2005.6
掲載ページ——72

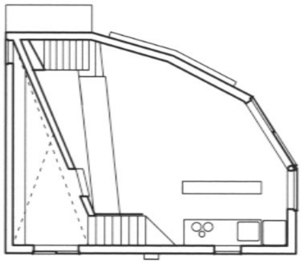
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: IIZUKA CONSTRUCTION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Takuro Yamamoto
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 3F
SITE AREA: 51.26m^2
BUILT AREA: 35.51m^2
BUILT RATIO: 69.27%
MAXIMUM BUILT RATIO: 70.00%
TOTAL FLOOR AREA: 84.86m^2
FLOOR-AREA RATIO: 165.55%
MAXIMUM FLOOR-AREA RATIO: 200.00%
DESIGN PERIOD: 2004.5-2004.12
CONSTRUCTION PERIOD: 2005.1-2005.6
SEE PAGE: 72



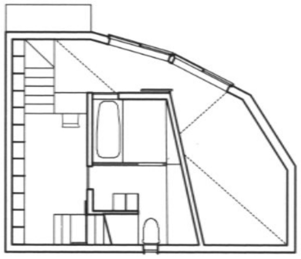
三階平面図
3F PLAN



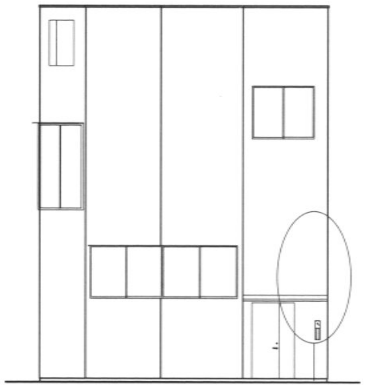
配置図 1/1000
SITE PLAN



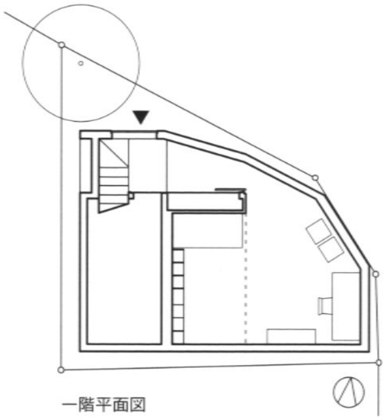
二階平面図
2F PLAN



一階上部平面図
UPPER 1F PLAN

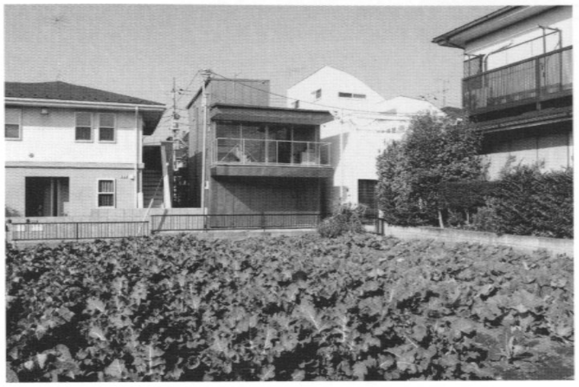


立面図
ELEVATION



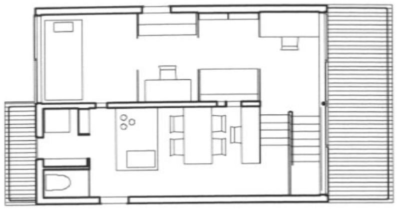
一階平面図
1F PLAN

ガク・ハウス Gak House

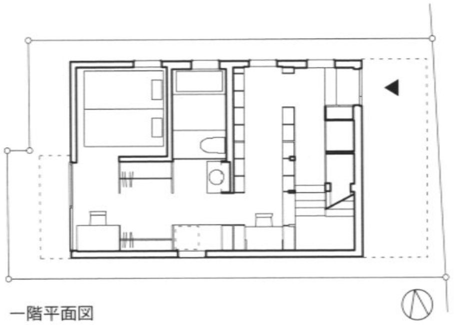


所在地———東京都世田谷区
用途———専用住宅
構造設計———金箱構造設計事務所
施工———花実建設
設計担当———塚本由晴、貝島桃代、玉井洋一
構造・工法———木造
階数———2F
敷地面積———70.01m^2
建築面積———41.97m^2
建ぺい率———59.95%
許容建ぺい率———60.00%
延床面積———75.00m^2
容積率———107.12%
許容容積———150.00%
設計期間———2004.7-2004.9
工事期間———2004.10-2005.6
掲載ページ———76

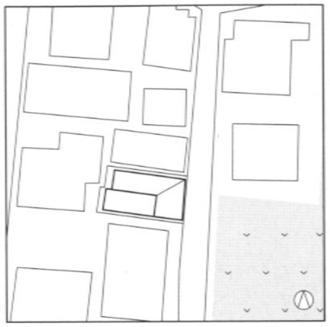
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HANAMI CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Yoichi Tamai
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 70.01m^2
BUILT AREA: 41.97m^2
BUILT RATIO: 59.95%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 75.00m^2
FLOOR-AREA RATIO: 107.12%
MAXIMUM FLOOR-AREA RATIO: 150.00%
DESIGN PERIOD: 2004.7-2004.9
CONSTRUCTION PERIOD: 2004.10-2005.6
SEE PAGE: 76



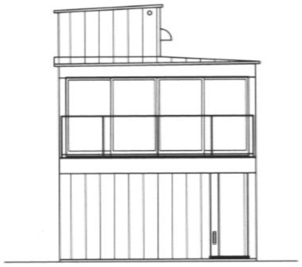
二階平面図
2F PLAN



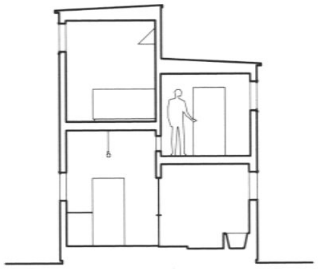
一階平面図
1F PLAN



配置図 1/1000
SITE PLAN

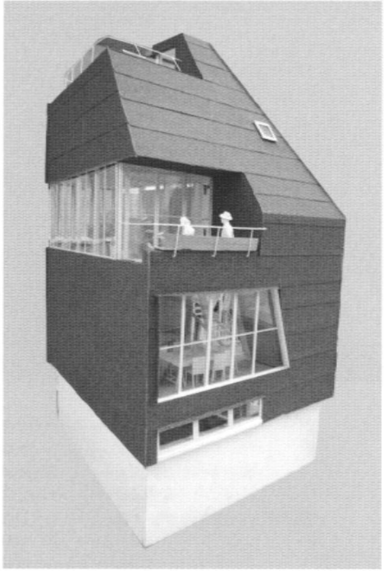


立面図
ELEVATION



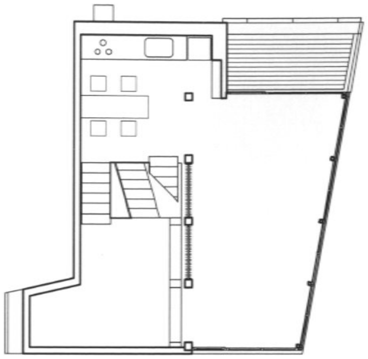
断面図
SECTION

ハウス&アトリエ・ワン House & Atelier Bow-Wow

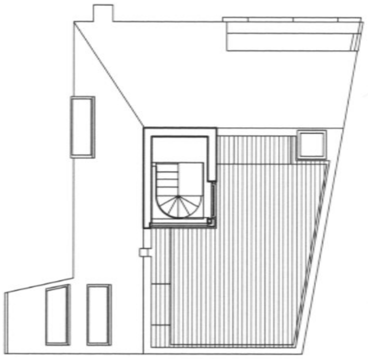


所在地————東京都新宿区
用途————住居+事務所
構造設計————オーク構造設計
施工————日南鉄構
設計担当————塚本由晴、貝島桃代、高木俊*
構造・工法————鉄骨造十鉄筋コンクリート造
階数————3F+B1
敷地面積————109.03m^2
建築面積————59.76m^2
建ぺい率————54.82%
許容建ぺい率——60.00%
延床面積————211.27（172.93）m^2
容積率————158.60%
許容容積————160.00%
設計期間————2004.2-2005.4
工事期間————2005.5-2005.12
掲載ページ————80

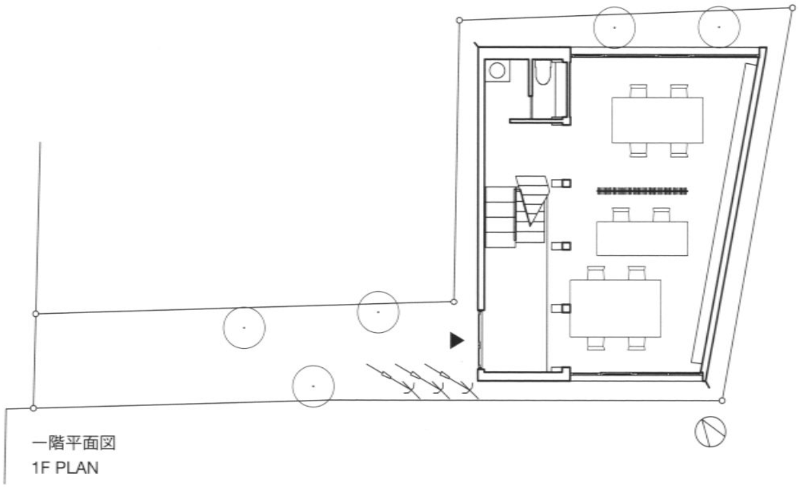
LOCATION: SHINJUKU, TOKYO
PRINCIPAL USE: RESIDENCE + OFFICE
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN OFFICE OAK
GENERAL CONCRETE: NICHINAN TEKKOU
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Shun Takagi
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
+REINFORCED CONCRETE
FLOOR: 3F+B1
SITE AREA: 109.03m^2
BUILT AREA: 59.76m^2
BUILT RATIO: 54.82%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 211.27(172.93)m^2
FLOOR-AREA RATIO: 158.60%
MAXIMUM FLOOR-AREA RATIO: 160.00%
DESIGN PERIOD: 2004.2-2005.4
CONSTRUCTION PERIOD: 2005.5-2005.12
SEE PAGE: 80



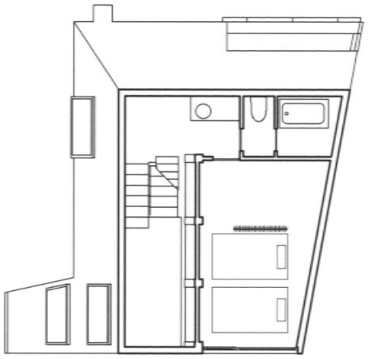
二階平面図
2F PLAN



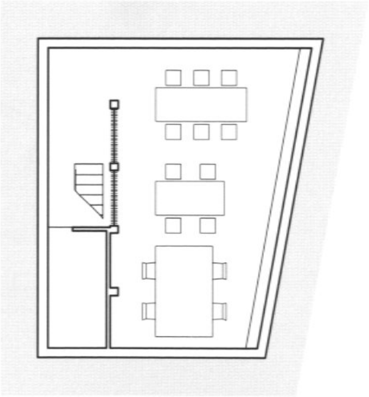
屋上平面図
RF PLAN



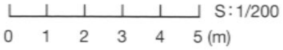
一階平面図
1F PLAN



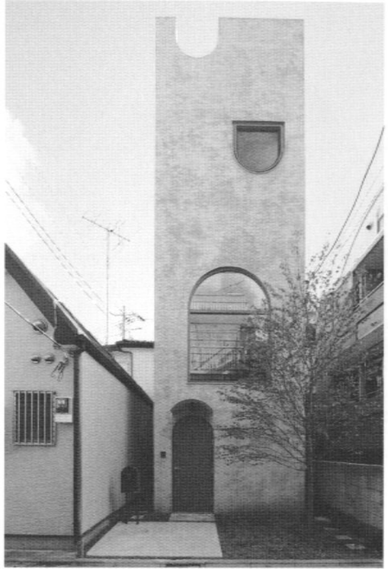
三階平面図
3F PLAN



地階平面図
BF PLAN

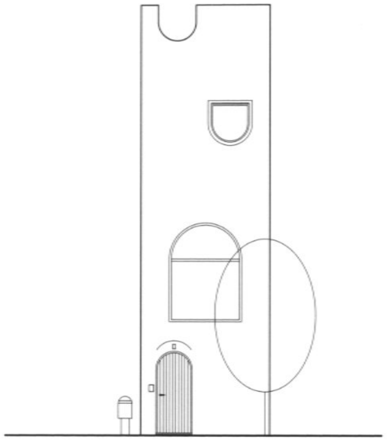


ハウス・タワー **House Tower**

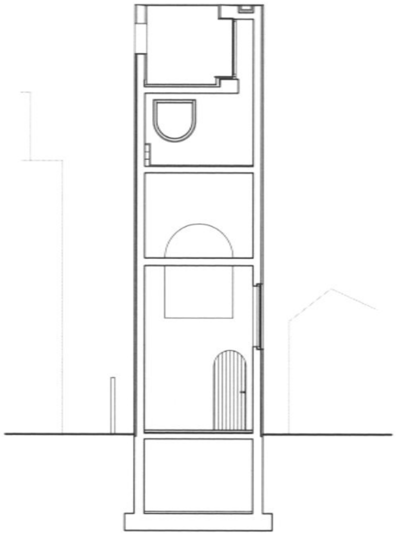


所在地——東京都品川区
用途——専用住宅
構造設計——金箱構造設計事務所
施工——TTC建設
設計担当——塚本由晴、貝島桃代、関本丹青、平井政俊
構造・工法——鉄筋コンクリート造
階数——4F+B1
敷地面積——42.29m^2
建築面積——18.44m^2
建ぺい率——43.60%
許容建ぺい率——60.00%
延床面積——65.28m^2
容積率——154.36%
許容容積——160.00%
設計期間——2005.3-2005.10
工事期間——2005.11-2006.4
掲載ページ——86

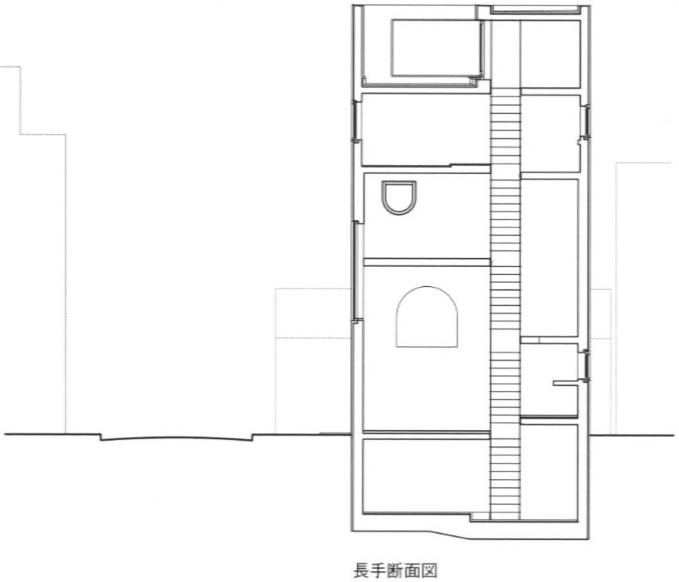
LOCATION: SHINAGAWA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: TTC CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Mio Sekimoto, Masatoshi Hirai
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE
FLOOR: 4F+B1
SITE AREA: 42.29m^2
BUILT AREA: 18.44m^2
BUILT RATIO: 43.60%
MAXIMUM BUILT RATIO: 60.00%
TOTAL FLOOR AREA: 65.28m^2
FLOOR-AREA RATIO: 154.36%
MAXIMUM FLOOR-AREA RATIO: 160.00%
DESIGN PERIOD: 2005.3-2005.10
CONSTRUCTION PERIOD: 2005.11-2006.4
SEE PAGE: 86



立面図
ELEVATION

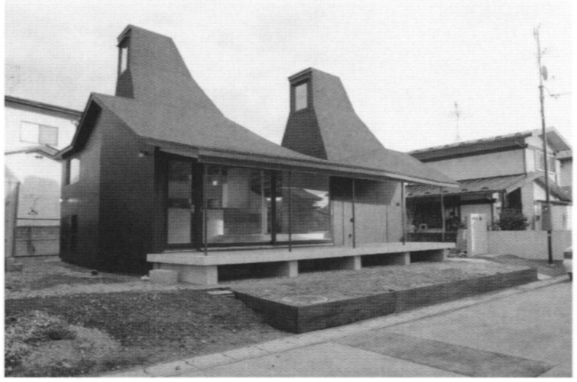


短手断面図
SECTION



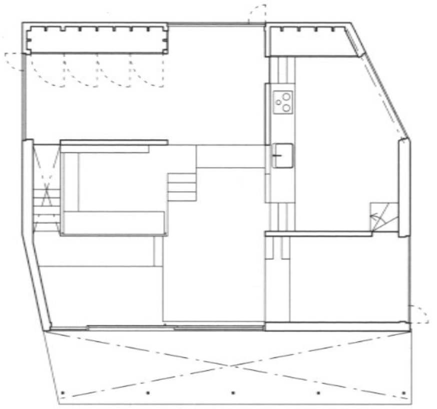
長手断面図
SECTION

ノラ・ハウス **Nora House**

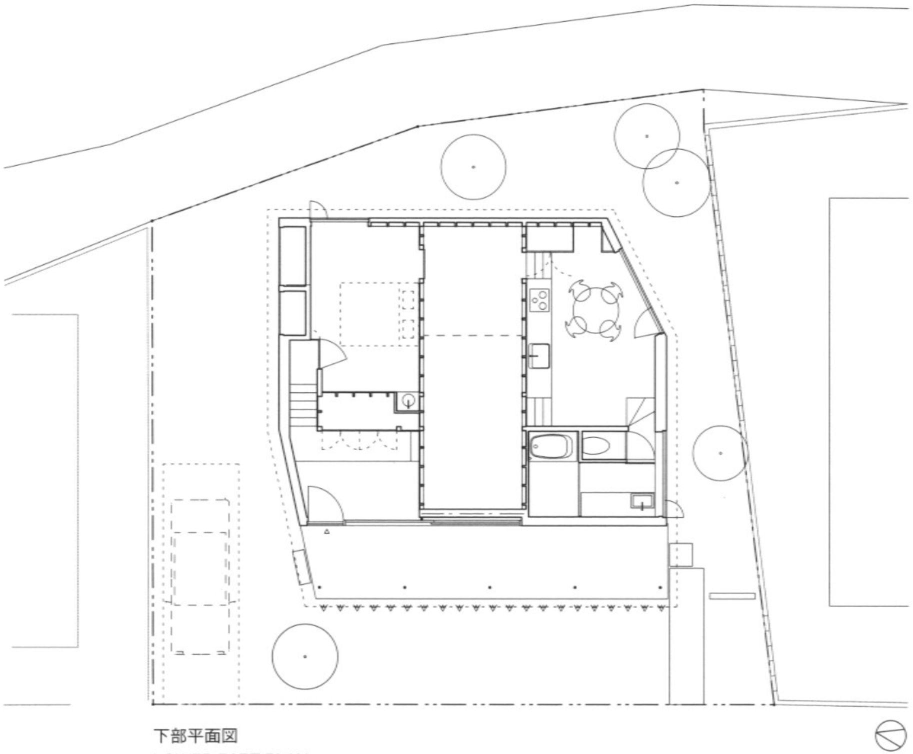


所在地——宮城県仙台市
用途——専用住宅
構造設計——金箱構造設計事務所
施工——橋本不動産
設計担当——塚本由晴、貝島桃代、
東京工業大学塚本研究室(小山敦子、金野千恵、能作文徳、吉田拓也)
構造・工法——木造
階数——2F
敷地面積——231.69m^2
建築面積——90.90m^2
建ぺい率——39.27%
許容建ぺい率——50.00%
延床面積——137.88m^2
容積率——59.51%
許容容積——80.00%
設計期間——2005.6-2006.7
工事期間——2006.8-2006.12
掲載ページ——90

LOCATION: SENDAI, MIYAGI PREFECTURE
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
GENERAL CONCRETE: HASHIMOTO CORPORATION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Atsuko Koyama, Chie Konno,
Fuminori Nousaku, Takuya Yoshida)
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 231.69m^2
BUILT AREA: 90.90m^2
BUILT RATIO: 39.27%
MAXIMUM BUILT RATIO: 50.00%
TOTAL FLOOR AREA: 137.88m^2
FLOOR-AREA RATIO: 59.51%
MAXIMUM FLOOR-AREA RATIO: 80.00%
DESIGN PERIOD: 2005.6-2006.7
CONSTRUCTION PERIOD: 2006.8-2006.12
SEE PAGE: 90

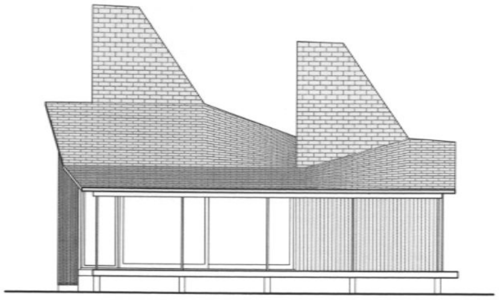


上部平面図
UPPER PART PLAN

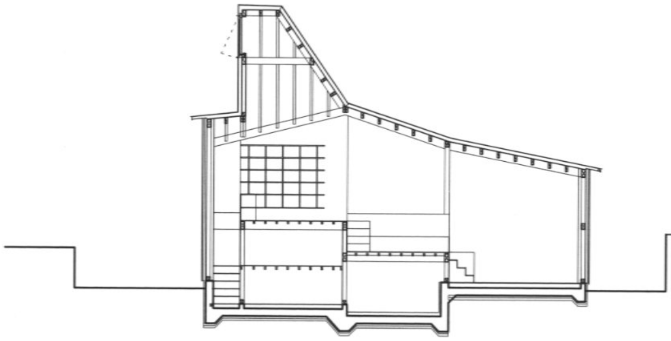


下部平面図
LOWER PART PLAN

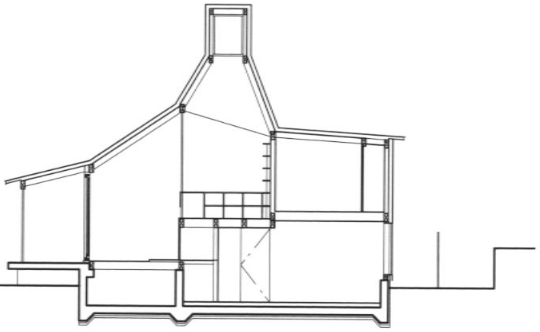
S : 1/200
0 1 2 3 4 5 (m)



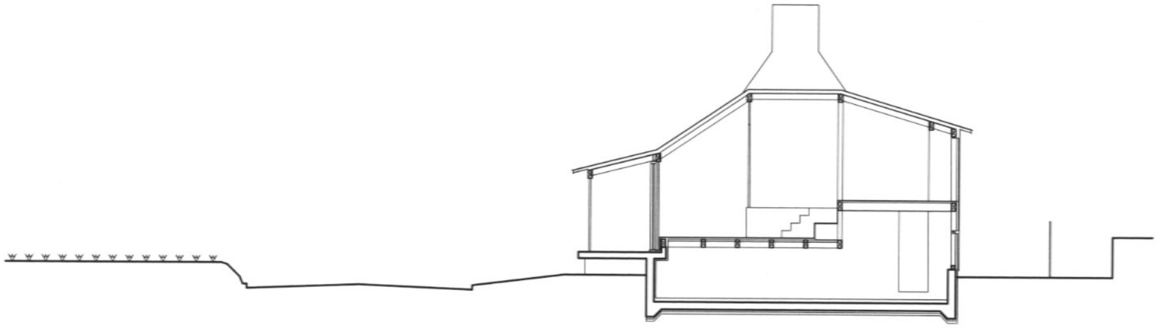
立面図
ELEVATION



断面図
SECTION

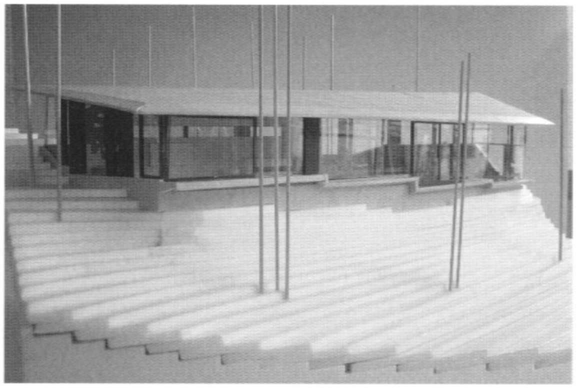


断面図
SECTION



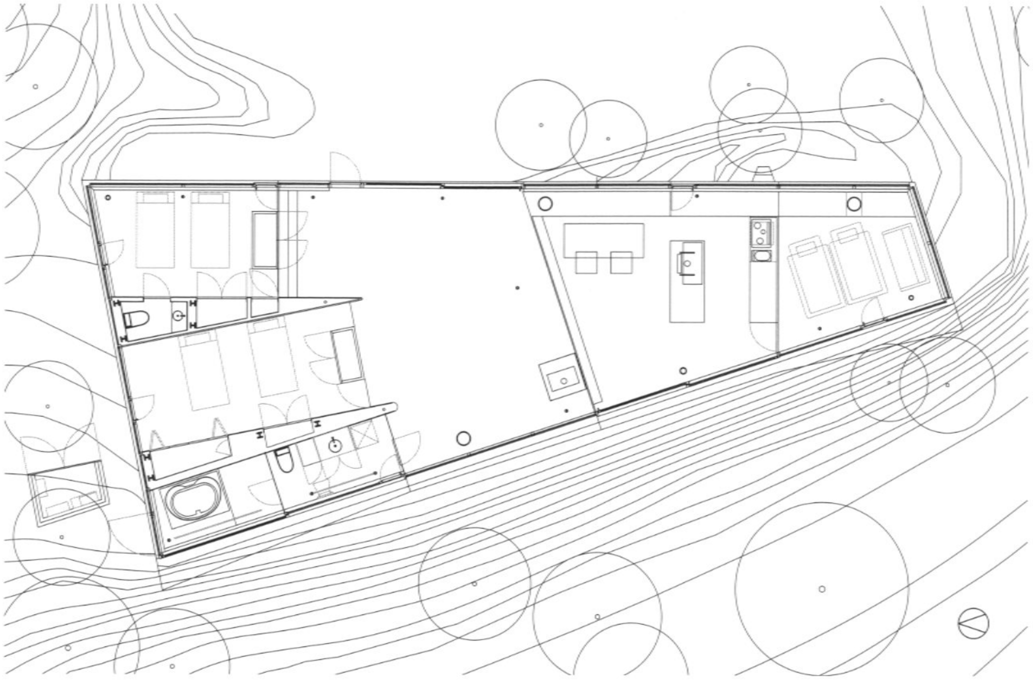
断面図
SECTION

鶴山荘 Crane House

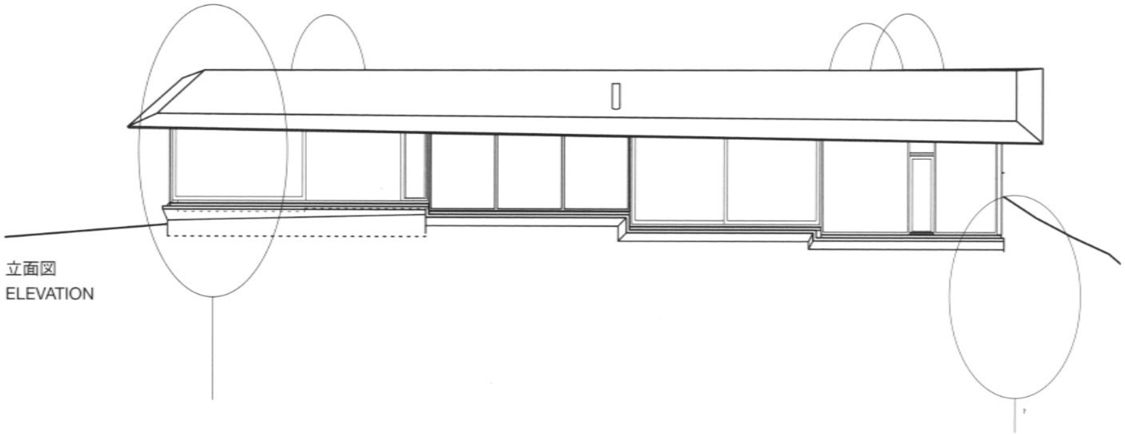


所在地——長野県北佐久郡軽井沢町
用途——別荘
構造設計——オーク構造設計
施工——笹沢建設
設計担当——塚本由晴、貝島桃代、平井政俊
構造・工法——鉄骨造
階数——1F
敷地面積——3,561.76m^2
建築面積——142.35m^2
建ぺい率——4.00%
許容建ぺい率——20.00%
延床面積——197.20m^2
容積率——5.54%
許容容積——20.00%
設計期間——2005.8-2006.8
工事期間——2006.9-2007.4
掲載ページ——94

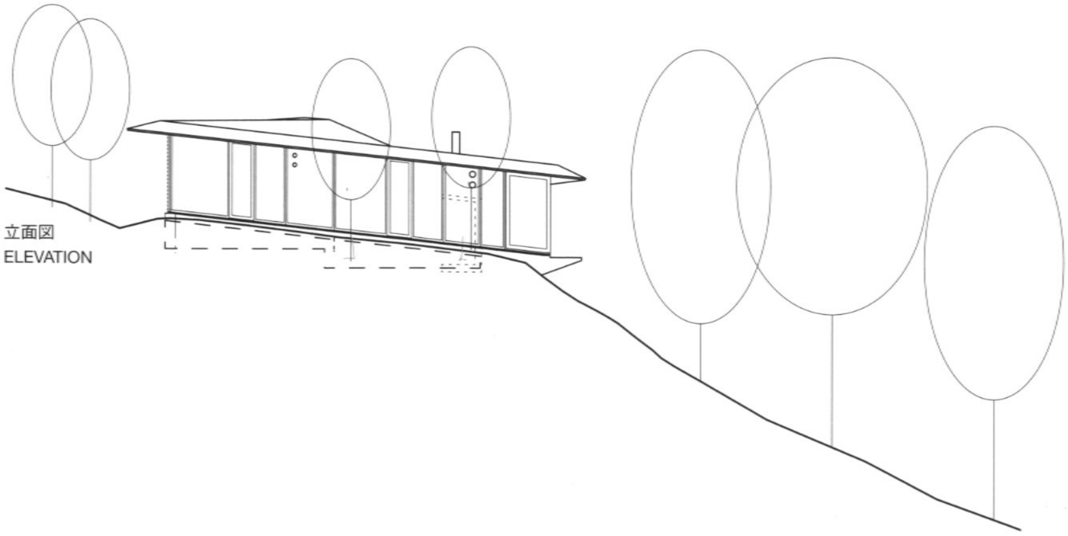
LOCATION: KARUIZAWA, KITASAKU, NAGANO PREFECTURE
PRINCIPAL USE: VILLA
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN OFFICE OAK
GENERAL CONCRETE: SASAZAWA CONSTRUCTION
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Masatoshi Hirai
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 1F
SITE AREA: 3,561.76m^2
BUILT AREA: 142.35m^2
BUILT RATIO: 4.00%
MAXIMUM BUILT RATIO: 20.00%
TOTAL FLOOR AREA: 197.20m^2
FLOOR-AREA RATIO: 5.54%
MAXIMUM FLOOR-AREA RATIO: 20.00%
DESIGN PERIOD: 2005.8-2006.8
CONSTRUCTION PERIOD: 2006.9-2007.4
SEE PAGE: 94



平面図
PLAN

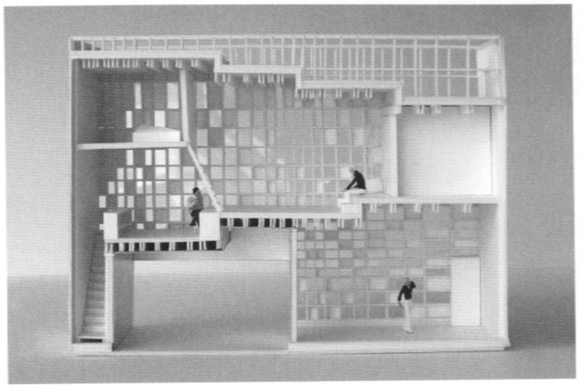


立面図
ELEVATION



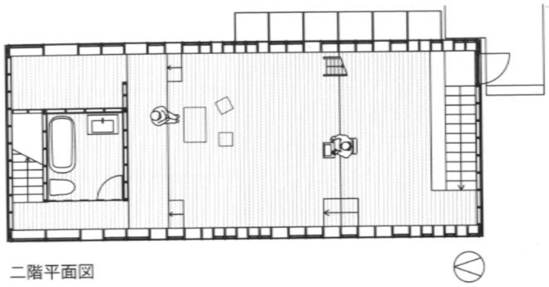
立面図
ELEVATION

インビー・ハウス **YIMBY House**

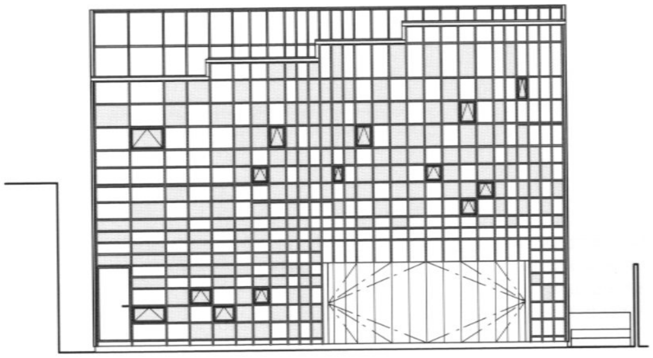


所在地———アメリカ カリフォルニア州
用途———住居兼アトリエ
構造設計———金箱構造設計事務所
設計担当———塚本由晴、貝島桃代、倉林貴彦
構造・工法———木造
階数———2F
敷地面積———111.37m^2
建築面積———69.55m^2
延床面積———152.58m^2
容積率———137.00%
設計期間———2006.3-2006.8
掲載ページ———98

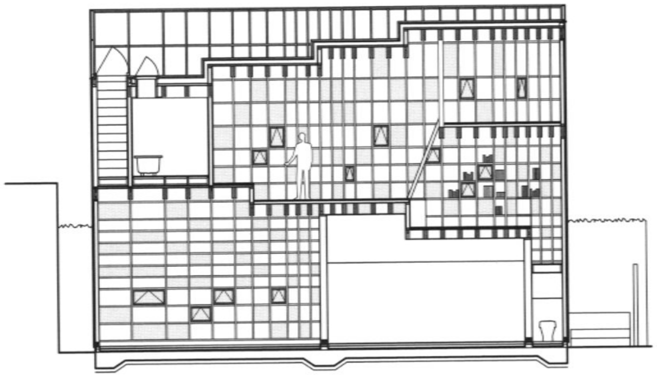
LOCATION: CALIFORNIA, USA
PRINCIPAL USE: ATELIER
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Takahiko Kurabayashi
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
SITE AREA: 111.37m^2
BUILT AREA: 69.55m^2
TOTAL FLOOR AREA: 152.58m^2
FLOOR-AREA RATIO: 137.00%
DESIGN PERIOD: 2006.3-2006.8
SEE PAGE: 98



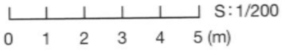
二階平面図
2F PLAN



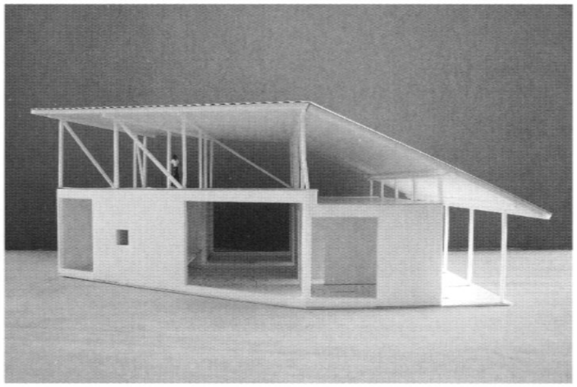
立面図
ELEVATION



断面図
SECTION

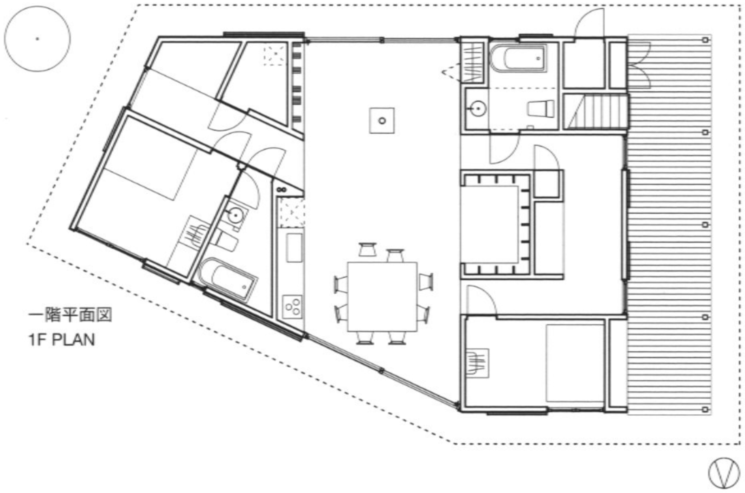


マウンテン・ハウス **Mountain House**

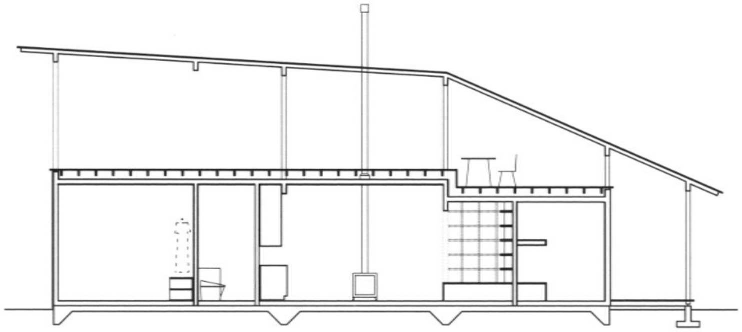


所在地――アメリカ カリフォルニア州
用途――別荘
構造設計――金箱構造設計事務所
設計担当――塚本由晴、貝島桃代、玉井洋一、倉林貴彦
構造・工法――木造
階数――2F
建築面積――178.94m²
延床面積――115.18m²
設計期間――2005.2-
掲載ページ――102

LOCATION: CALIFORNIA, USA
PRINCIPAL USE: VILLA
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Yoichi Tamai, Takahiko Kurabayashi
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 2F
BUILT AREA: 178.94m²
TOTAL FLOOR AREA: 115.18m²
DESIGN PERIOD: 2005.2-
SEE PAGE: 102



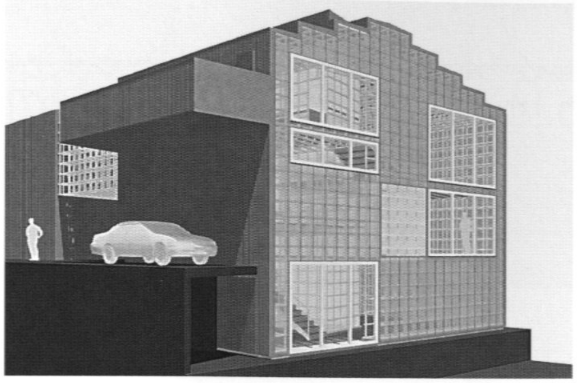
一階平面図
1F PLAN



断面図
SECTION

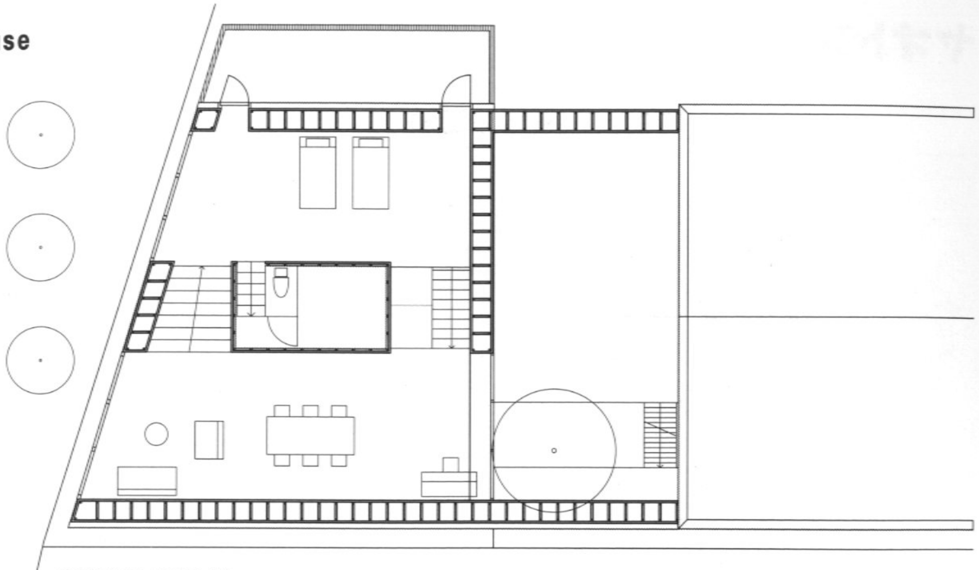
S：1/200
0 1 2 3 4 5 (m)

ジャングルジム・ハウス Junglegym House

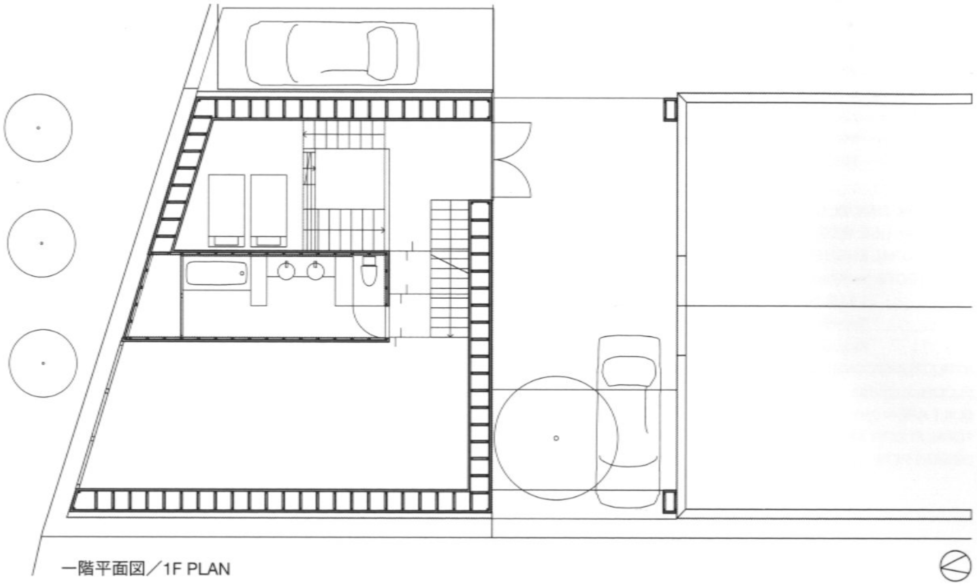


所在地——福岡県久留米市
用途——専用住宅
構造設計——オーク構造設計
設計担当——塚本由晴、貝島桃代、有岡果奈、Carlo Zuercher
構造・工法——鉄骨造
階数——3F+B1
敷地面積——215.00m²
建築面積——90.00m²
建ぺい率——42.00%
延床面積——298.00m²
容積率——138.00%
設計期間——2006.7-

LOCATION: KURUME, FUKUOKA PREFECTURE
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN OFFICE OAK
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Kana Arioka, Carlo Zuercher
STRUCTURE/CONSTRUCTION METHOD: STEEL CONSTRUCTION
FLOOR: 3F+B1
SITE AREA: 215.00m²
BUILT AREA: 90.00m²
BUILT RATIO: 42.00%
TOTAL FLOOR AREA: 298.00m²
FLOOR-AREA RATIO: 138.00%

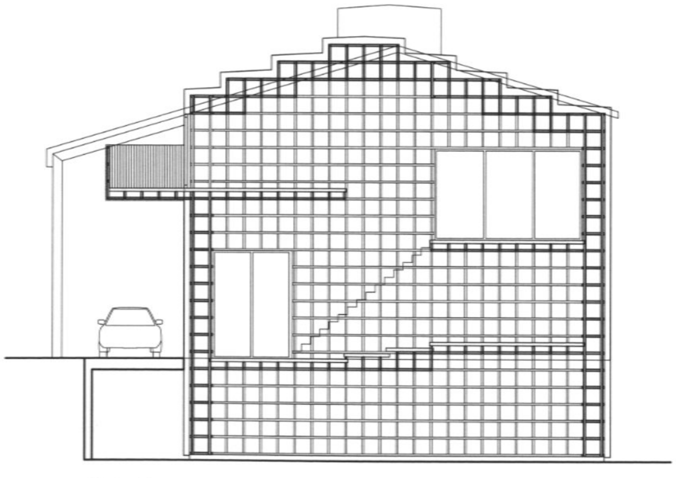


二階平面図／2F PLAN

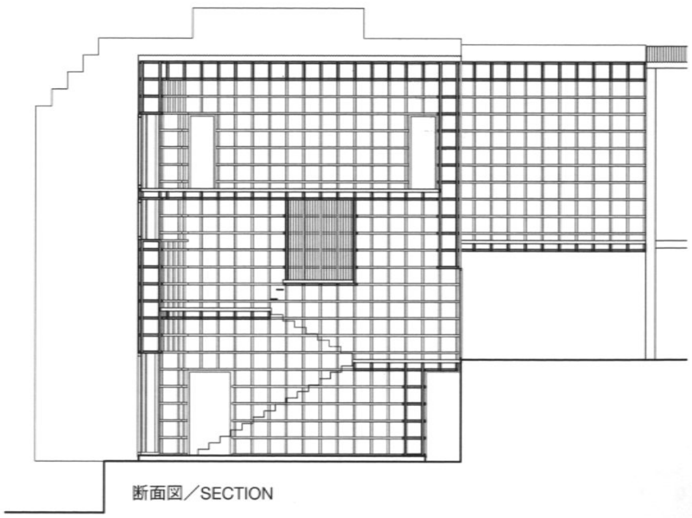


一階平面図／1F PLAN

S:1/200
0 1 2 3 4 5 (m)

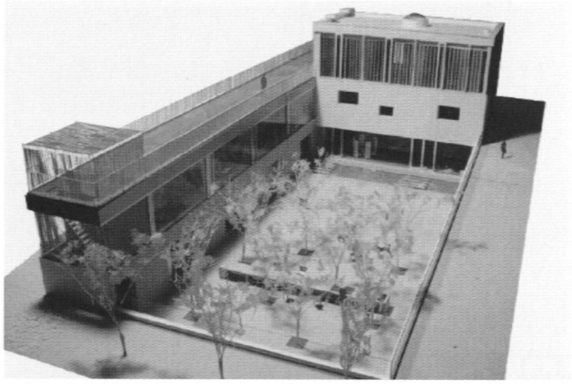


断面図／SECTION



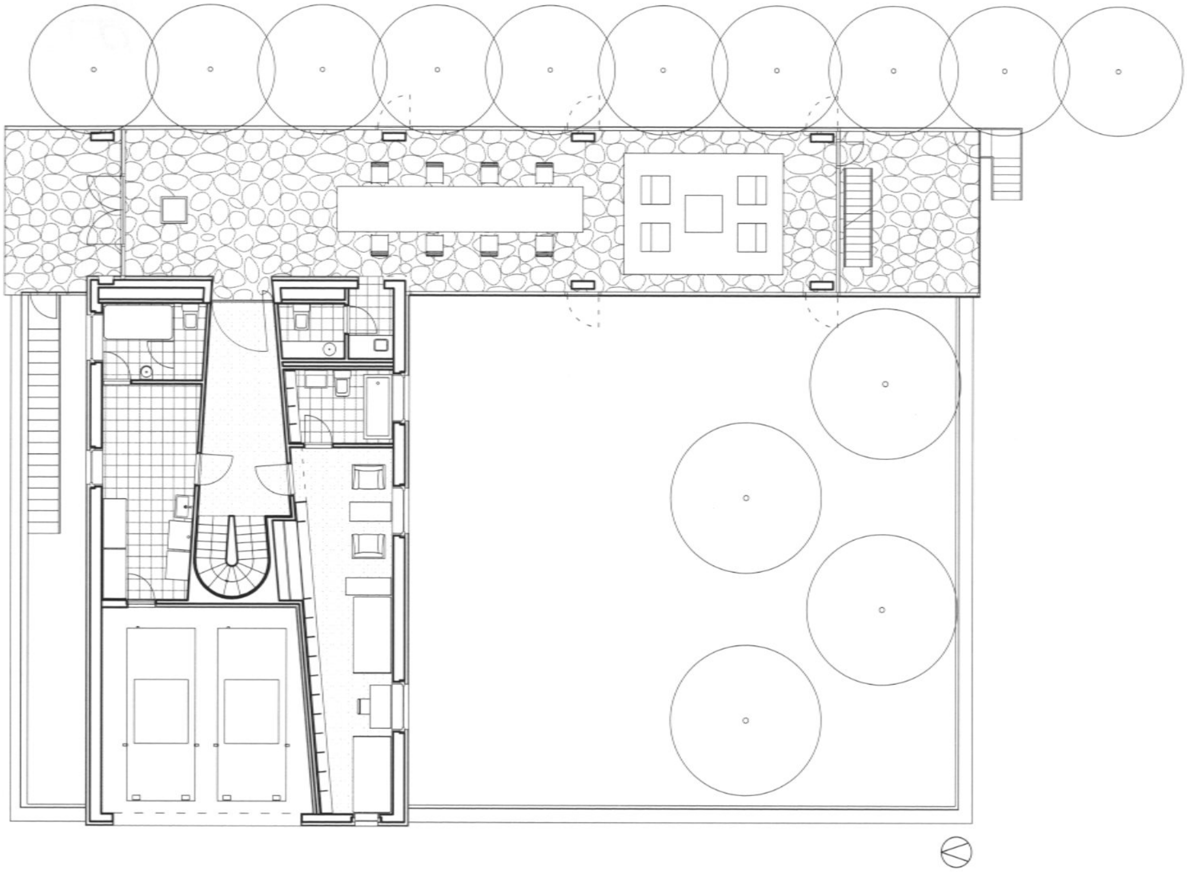
断面図／SECTION

ヤオトン・ハウス／伴山人家プロジェクト Yao Tong House / Tianjin Housing Project

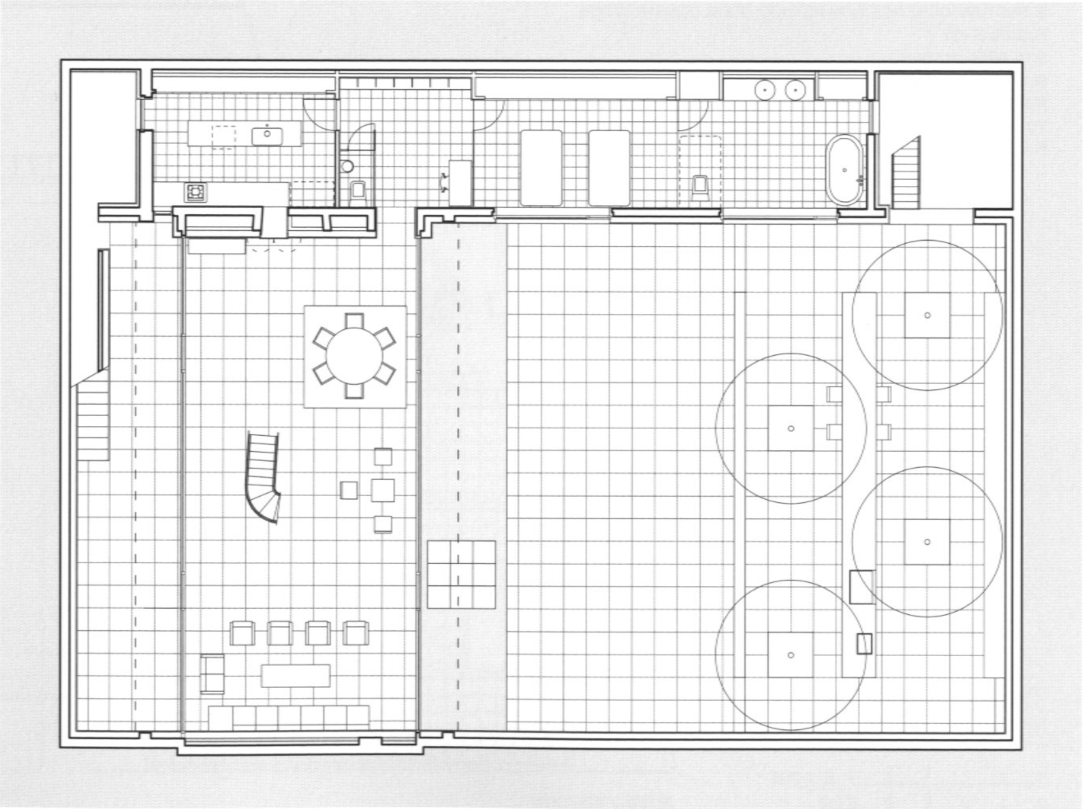


所在地 ———— 中国、天津市
用途 ———— 専用住宅群
構造設計 ———— 構造計画プラス・ワン
設計担当 ———— 塚本由晴、貝島桃代、
東京工業大学塚本研究室(藤村龍至、片柳恭志、倉林貴彦、
玉井洋一、三井祐介、杉山和也、山本幸治、吉田拓也)
構造・工法 ———— 鉄筋コンクリート造
階数 ———— 2-8F+B2
建築面積 ———— 230.13m²
延床面積 ———— 569.71m²
設計期間 ———— 2003.12-2006.11

LOCATION: TIANJIN, CHINA
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: STRUCTURAL DESIGN PLUS ONE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Ryuji Fujimura, Takashi Katayanagi,
Takahiko Kurabayashi, Yoichi Tamai, Yusuke Mitsui,
Kazuya Sugiyama, Koji Yamamoto, Takuya Yoshida)
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE
FLOOR: 2-8F+B2
BUILT AREA: 230.13m²
TOTAL FLOOR AREA: 569.71m²
DESIGN PERIOD: 2003.12-2006.11

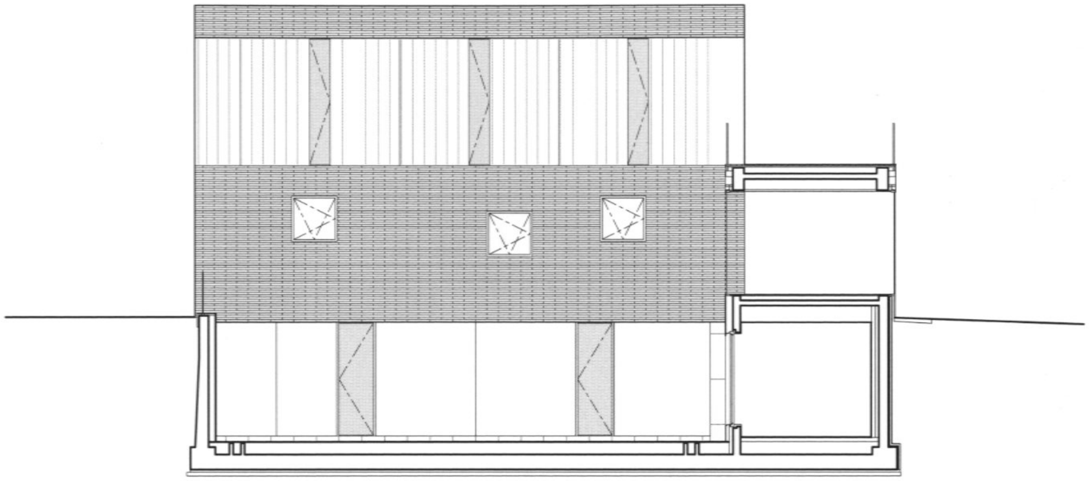


一階平面図
1F PLAN

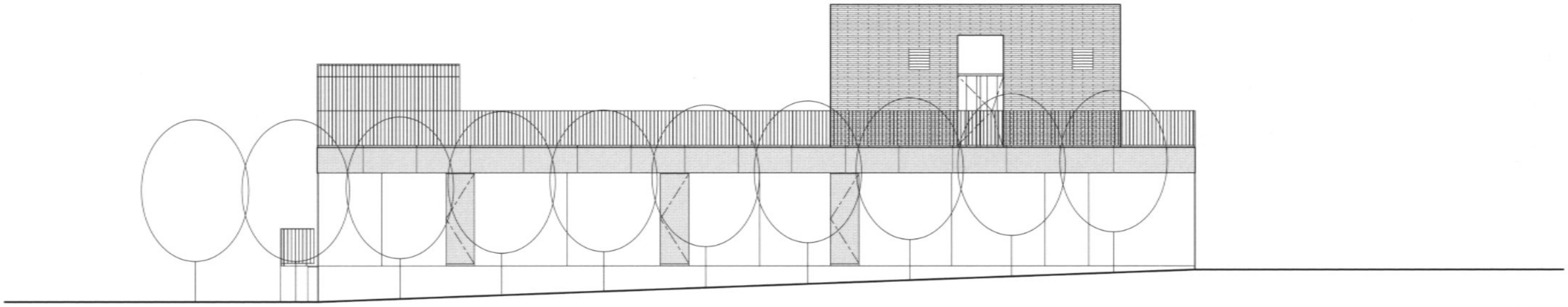


S:1/200
0 1 2 3 4 5 (m)

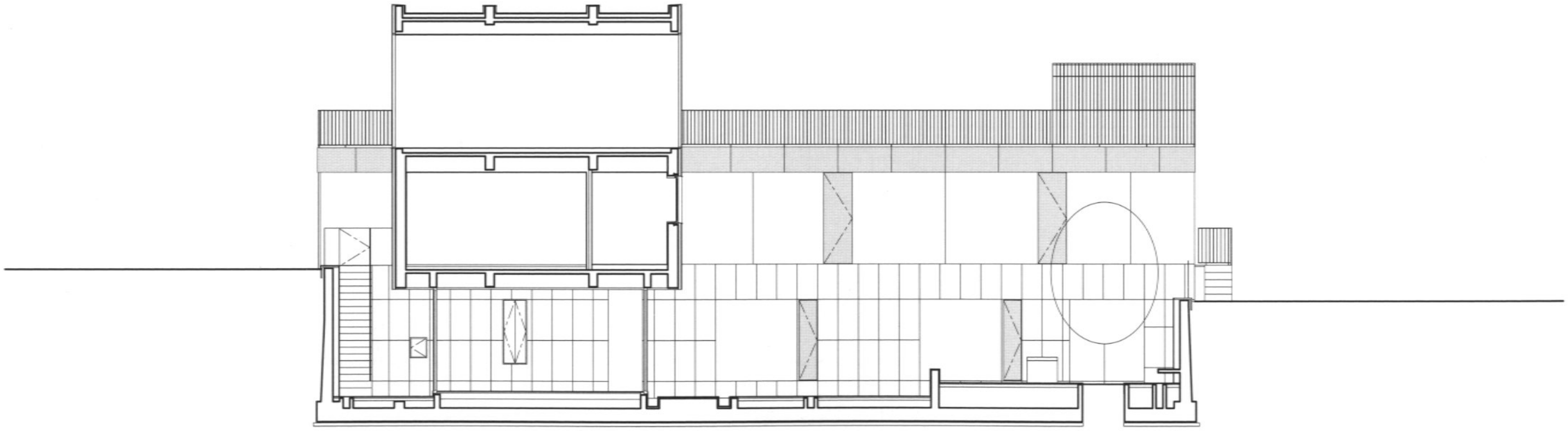
地階平面図
BF PLAN



南立面図
SOUTH ELEVATION

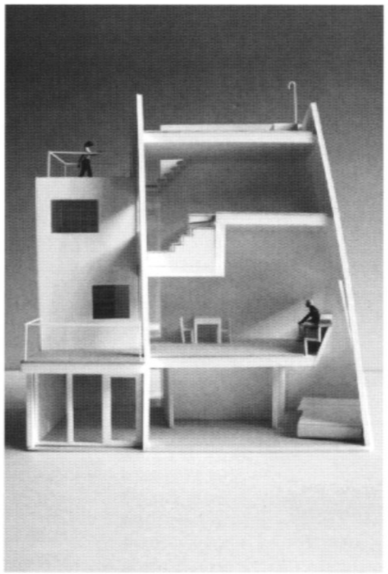


東立面図
EAST ELEVATION



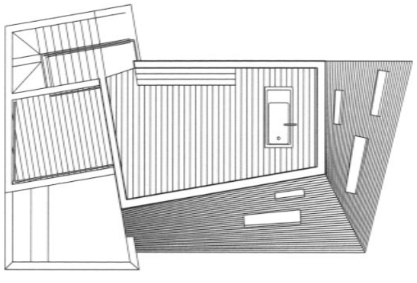
断面図
SECTION

スウェー・ハウス Sway House

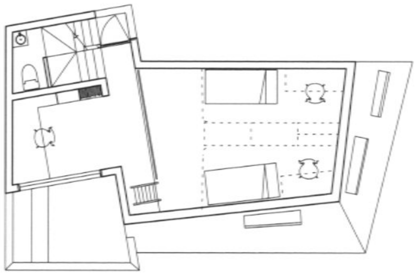


所在地———東京都世田谷区
用途———専用住宅
構造設計———金箱構造設計事務所
設計担当———塚本由晴、貝島桃代、倉林貴彦、関本丹青
構造・工法———木造
階数———3F
敷地面積———78.08m²
建築面積———54.52m²
許容建ぺい率———70.00%
延床面積———114.30m²
容積率———146.38%
許容容積———160.00%
設計期間———2006.9-

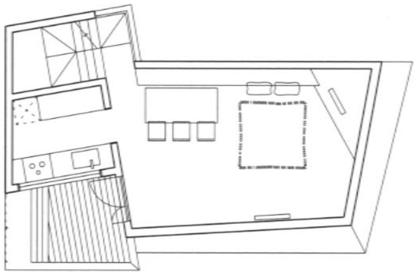
LOCATION: SETAGAYA, TOKYO
PRINCIPAL USE: RESIDENCE
STRUCTURAL ENGNEERS: KANEBAKO STRUCTURAL ENGINEERS
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Takahiko Kurabayashi, Mio Sekimoto
STRUCTURE/CONSTRUCTION METHOD: WOODEN CONSTRUCTION
FLOOR: 3F
SITE AREA: 78.08m²
BUILT AREA: 54.52m²
MAXIMUM BUILT RATIO: 70.00%
TOTAL FLOOR AREA: 114.30m²
FLOOR-AREA RATIO: 146.38%
MAXIMUM FLOOR-AREA RATIO: 160.00%
DESIGN PERIOD: 2006.9-



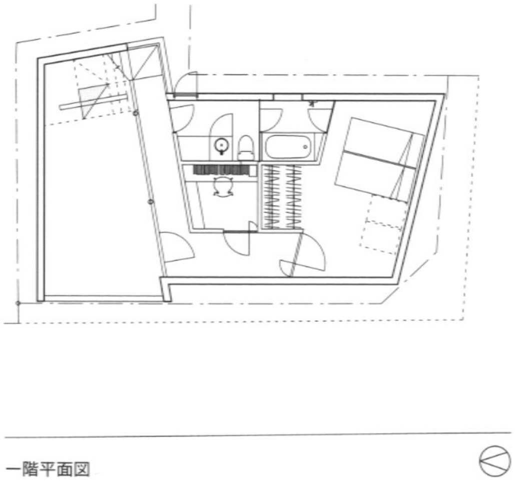
R階平面図
RF PLAN



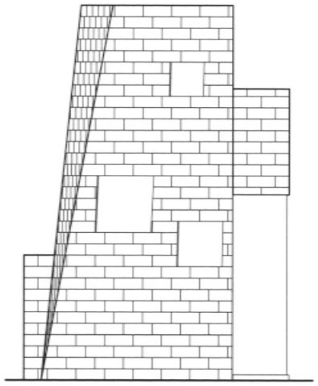
三階平面図
3F PLAN



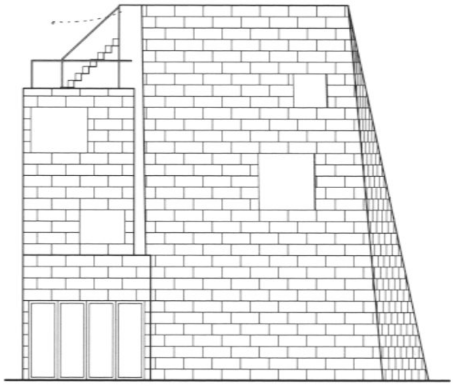
二階平面図
2F PLAN



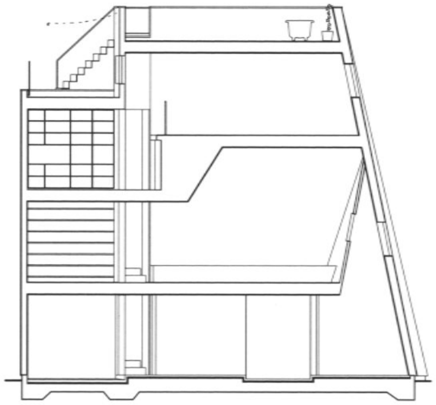
一階平面図
1F PLAN



立面図
ELEVATION

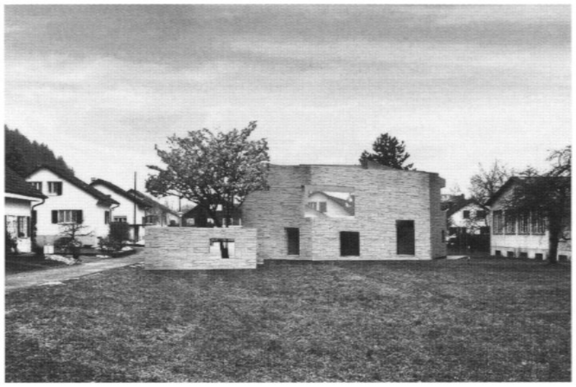


立面図
ELEVATION



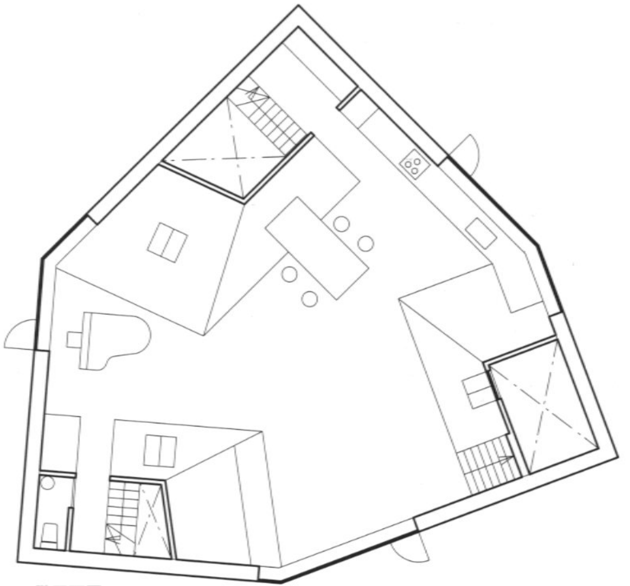
断面図
SECTION

3 in 1 ハウス **3 in 1 House**

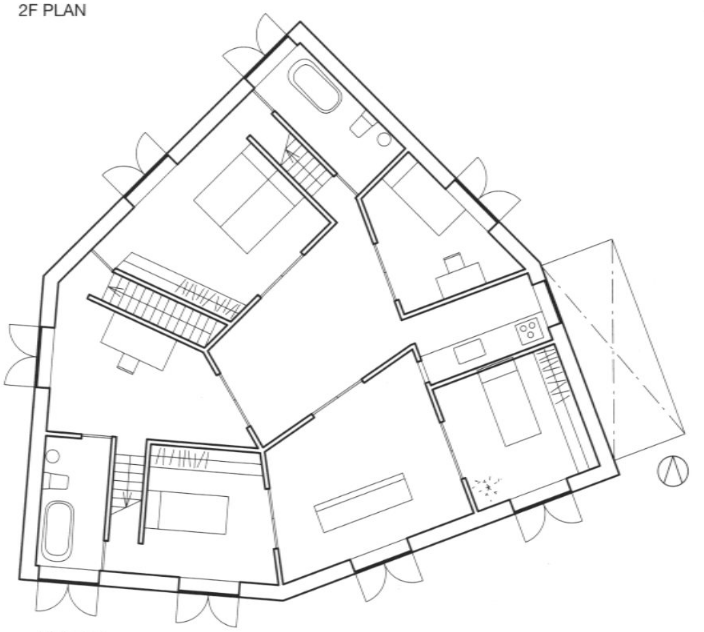


所在地——スイス チューリヒ
用途——専用住宅
設計担当——塚本由晴、貝島桃代、玉井洋一、倉林貴彦
構造・工法——鉄筋コンクリート造
階数——2F+B1
敷地面積——614.42m²
建築面積——137.77m²
建ぺい率——22.42%
延床面積——215.50m²
容積率——35.07%
設計期間——2006.1-

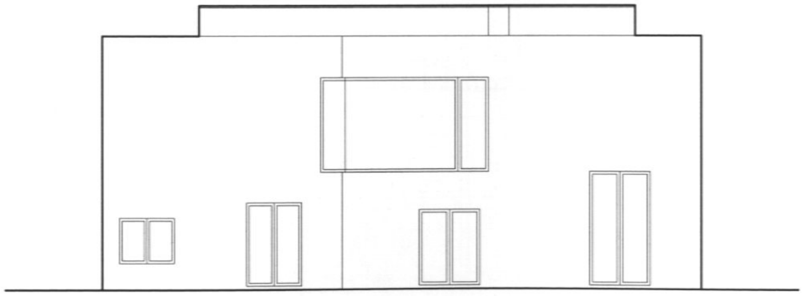
LOCATION: ZURICH, SWISS
PRINCIPAL USE: RESIDENCE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima,
Yoichi Tamai, Takahiko Kurabayashi
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE
FLOOR: 2F+B1
SITE AREA: 614.42m²
BUILT AREA: 137.77m²
BUILT RATIO: 22.42%
TOTAL FLOOR AREA: 215.50m²
FLOOR-AREA RATIO: 35.07%
DESIGN PERIOD: 2006.1-



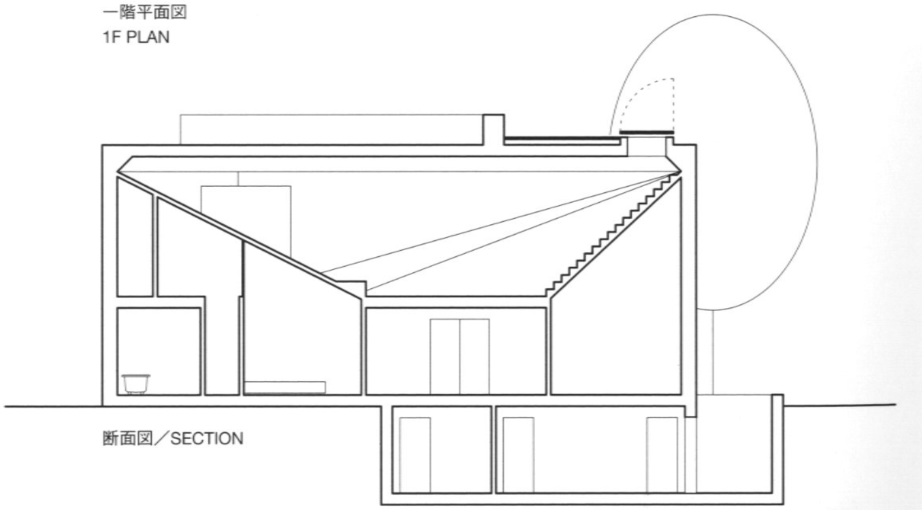
二階平面図
2F PLAN



一階平面図
1F PLAN



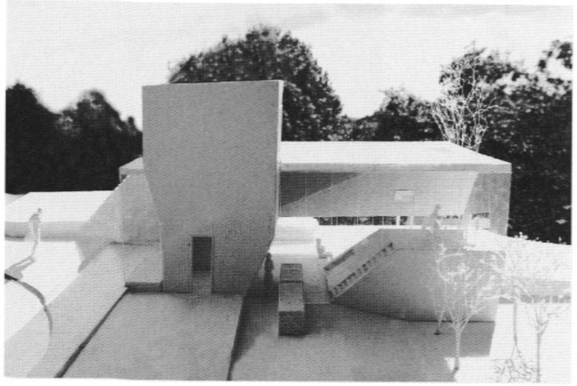
立面図／ELEVATION



断面図／SECTION

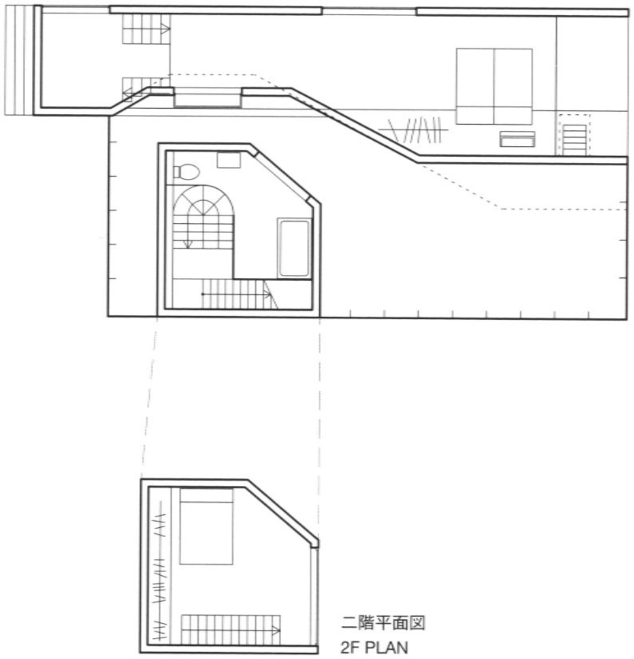
S：1/200
0 1 2 3 4 5 (m)

カーサ・グランツーリズモ Casa Granturismo

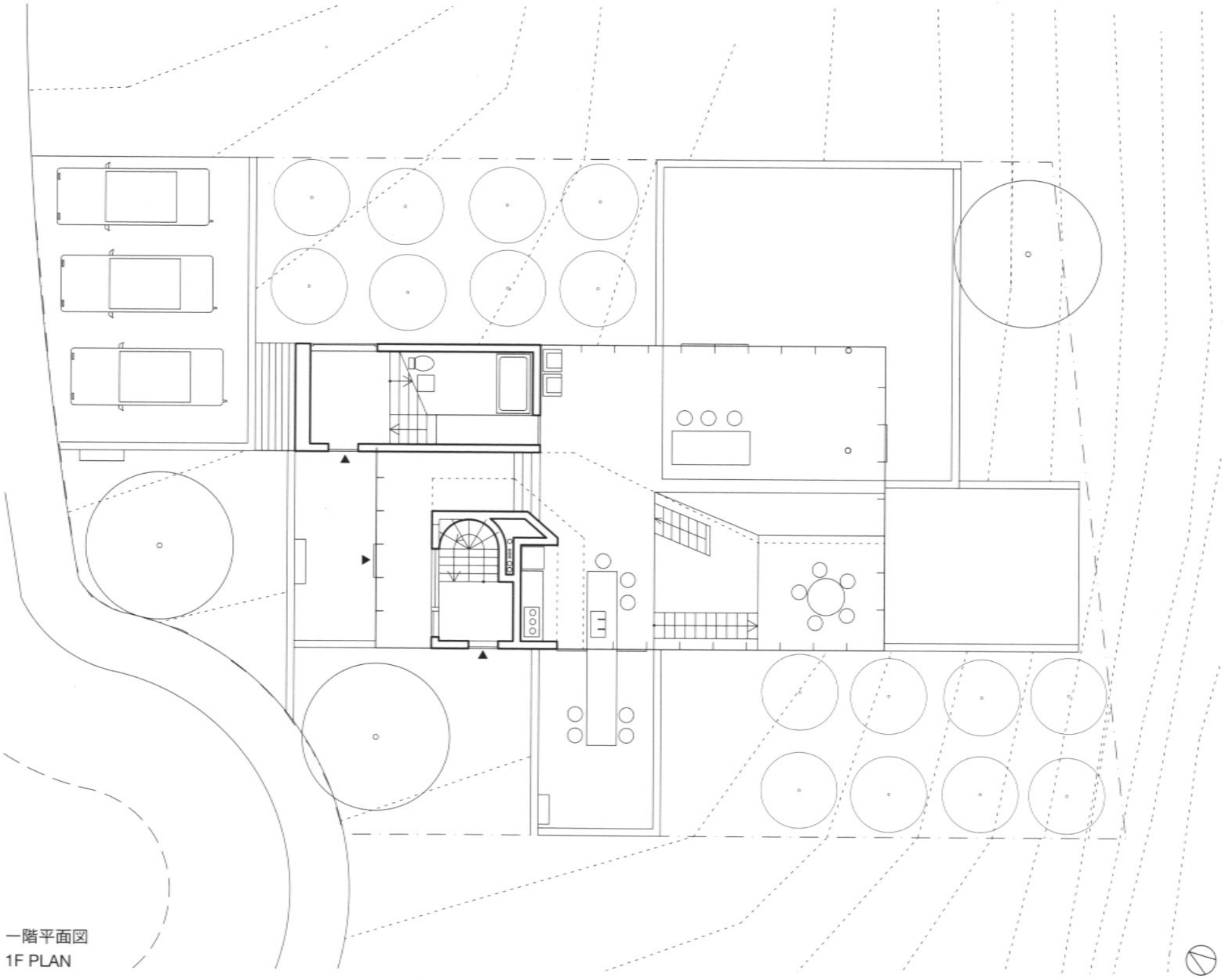


所在地——ポルトガル　シルベス
用途——専用住宅
設計担当——塚本由晴、貝島桃代、
東京工業大学塚本研究室(Jorge Almazan、殿井環、能作文徳)
構造・工法——鉄筋コンクリート造
階数——2F+B1
敷地面積——450.00m^2
建築面積——114.48m^2
建ぺい率——25.44%
延床面積——220.64m^2
容積率——49.01%

LOCATION: SILVES, PORTUGAL
PRINCIPAL USE: RESIDENCE
ARCHITECTS: Yoshiharu Tsukamoto, Momoyo Kaijima
+ T.I.T. Tsukamoto Lab.(Jorge Almazan, Tamoki,Tonoi, Fuminori Nousaku)
STRUCTURE/CONSTRUCTION METHOD: REINFORCED CONCRETE
FLOOR: 2F+B1
SITE AREA: 450.00m^2
BUILT AREA: 114.48m^2
BUILT RATIO: 25.44%
TOTAL FLOOR AREA: 220.64m^2
FLOOR-AREA RATIO: 49.01%

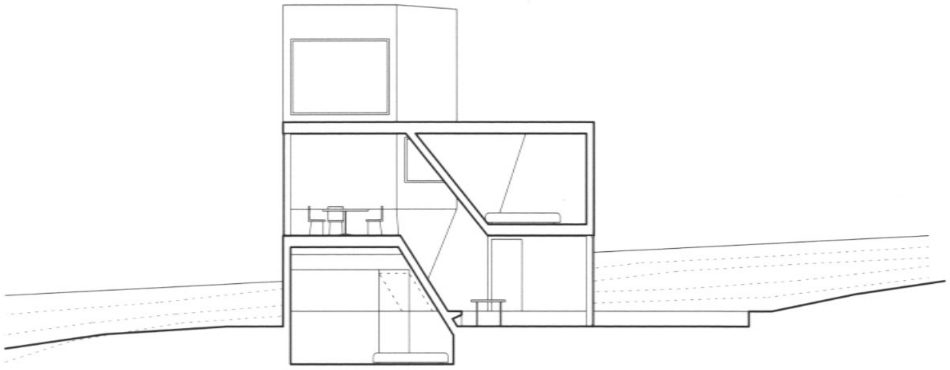


二階平面図
2F PLAN

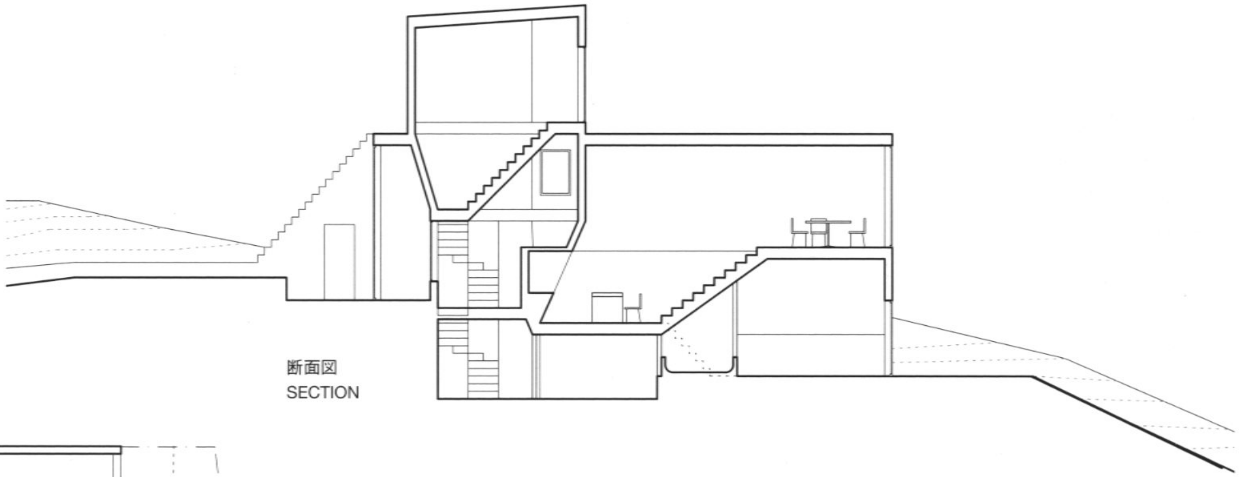


一階平面図
1F PLAN

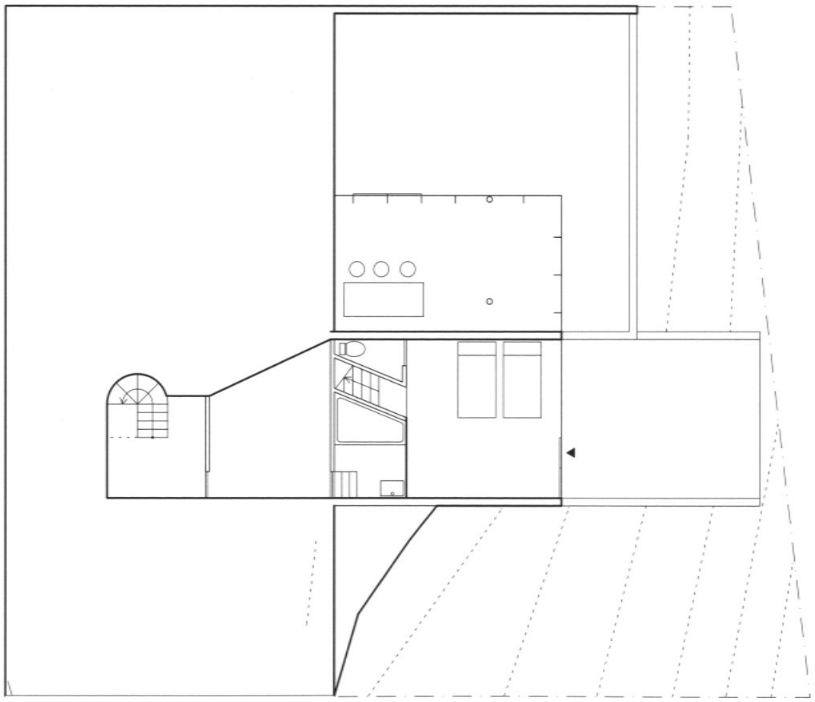
S:1/200
0 1 2 3 4 5 (m)



断面図
SECTION



断面図
SECTION



地階平面図
BF PLAN